Full wwPDB NMR Structure Validation Report (i)

Dec 8, 2025 – 04:37 pm GMT

PDB ID	:	9HKR / pdb_00009hkr
BMRB ID	:	34968
Title	:	NMR structure of the C-terminal domain of the human SPAG1 protein
Authors	:	Chagot, M.E.; Quinternet, M.
Deposited on	:	2024-12-04

This is a Full wwPDB NMR Structure Validation Report for a publicly released PDB entry.

We welcome your comments at *validation@mail.wwpdb.org*
A user guide is available at
https://www.wwpdb.org/validation/2017/NMRValidationReportHelp
with specific help available everywhere you see the (i) symbol.

The types of validation reports are described at
http://www.wwpdb.org/validation/2017/FAQs#types.

The following versions of software and data (see references (i)) were used in the production of this report:

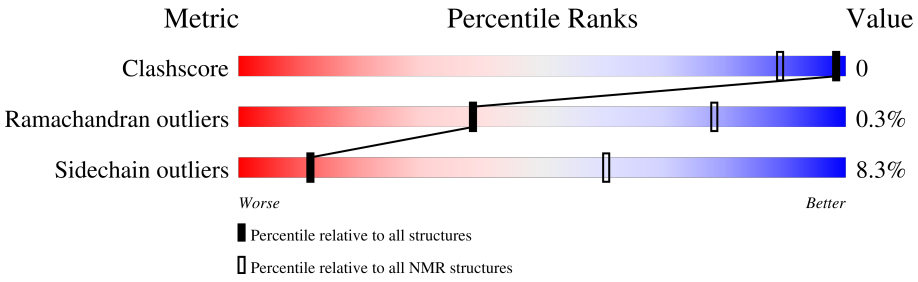
MolProbity	:	4-5-2 with Phenix2.0
Percentile statistics	:	20231227.v01 (using entries in the PDB archive December 27th 2023)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	v1.2
BMRB Restraints Analysis	:	v1.2
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.47

1 Overall quality at a glance

The following experimental techniques were used to determine the structure:
SOLUTION NMR

The overall completeness of chemical shifts assignment is 95%.

Percentile scores (ranging between 0-100) for global validation metrics of the entry are shown in the following graphic. The table shows the number of entries on which the scores are based.



Metric	Whole archive (#Entries)	NMR archive (#Entries)
Clashscore	210492	14027
Ramachandran outliers	207382	12486
Sidechain outliers	206894	12463

The table below summarises the geometric issues observed across the polymeric chains and their fit to the experimental data. The red, orange, yellow and green segments indicate the fraction of residues that contain outliers for >=3, 2, 1 and 0 types of geometric quality criteria. A cyan segment indicates the fraction of residues that are not part of the well-defined cores, and a grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions <=5%

Mol	Chain	Length	Quality of chain
1	A	135	87% 6% 7%

2 Ensemble composition and analysis (i)

This entry contains 20 models. Model 9 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *lowest energy*.

The following residues are included in the computation of the global validation metrics.

Well-defined (core) protein residues			
Well-defined core	**Residue range (total)**	**Backbone RMSD (Å)**	**Medoid model**
1	A:802-A:926 (125)	0.40	9

Ill-defined regions of proteins are excluded from the global statistics.

Ligands and non-protein polymers are included in the analysis.

The models can be grouped into 3 clusters and 1 single-model cluster was found.

Cluster number	Models
1	1, 2, 8, 9, 10, 11, 12, 15, 19, 20
2	4, 5, 6, 7, 14
3	3, 13, 17, 18
Single-model clusters	16

3 Entry composition (i)

There is only 1 type of molecule in this entry. The entry contains 2212 atoms, of which 1122 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Sperm-associated antigen 1.

Mol	Chain	Residues	Atoms						Trace
1	A	135	Total	C	H	N	O	S	0
			2212	701	1122	180	204	5	

There are 4 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	792	GLY	-	expression tag	UNP Q07617
A	793	PRO	-	expression tag	UNP Q07617
A	794	HIS	-	expression tag	UNP Q07617
A	795	MET	-	expression tag	UNP Q07617

4 Residue-property plots (i)

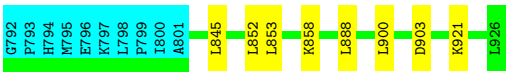
4.1 Average score per residue in the NMR ensemble

These plots are provided for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic is the same as shown in the summary in section 1 of this report. The second graphic shows the sequence where residues are colour-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. Stretches of 2 or more consecutive residues without any outliers are shown as green connectors. Residues which are classified as ill-defined in the NMR ensemble, are shown in cyan with an underline colour-coded according to the previous scheme. Residues which were present in the experimental sample, but not modelled in the final structure are shown in grey.

• Molecule 1: Sperm-associated antigen 1

Chain A:





4.2 Scores per residue for each member of the ensemble

Colouring as in section 4.1 above.

4.2.1 Score per residue for model 1

• Molecule 1: Sperm-associated antigen 1

Chain A:





4.2.2 Score per residue for model 2

• Molecule 1: Sperm-associated antigen 1

Chain A:

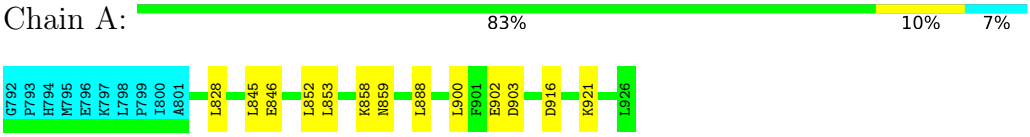




4.2.3 Score per residue for model 3

• Molecule 1: Sperm-associated antigen 1

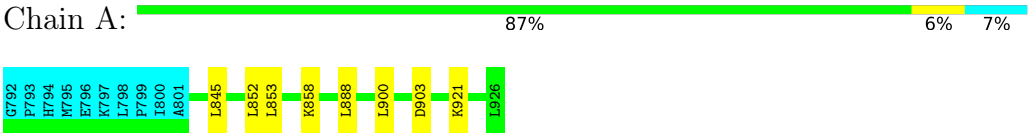
Chain A:



4.2.4 Score per residue for model 4

• Molecule 1: Sperm-associated antigen 1

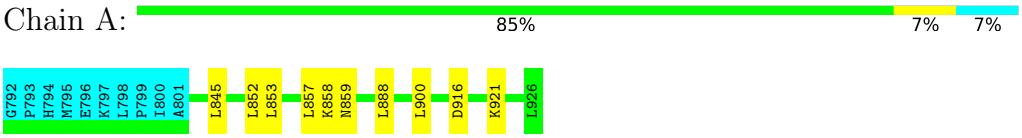
Chain A:



4.2.5 Score per residue for model 5

• Molecule 1: Sperm-associated antigen 1

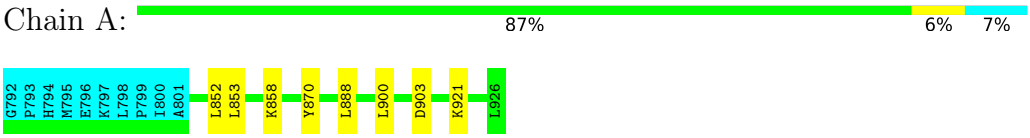
Chain A:



4.2.6 Score per residue for model 6

• Molecule 1: Sperm-associated antigen 1

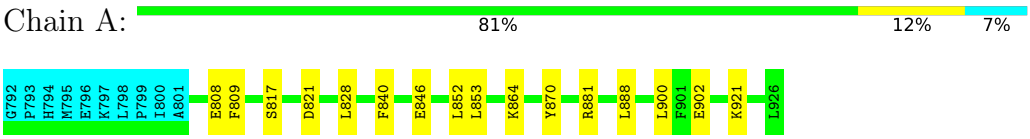
Chain A:



4.2.7 Score per residue for model 7

• Molecule 1: Sperm-associated antigen 1

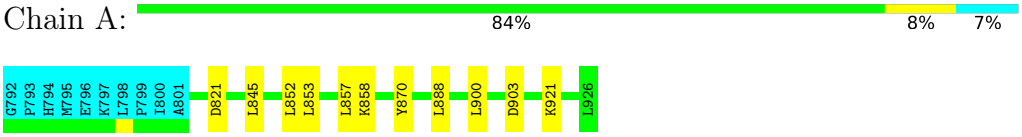
Chain A:



4.2.8 Score per residue for model 8

• Molecule 1: Sperm-associated antigen 1

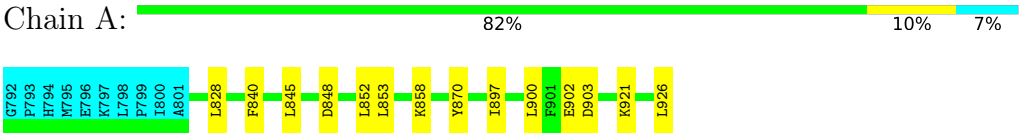
Chain A:



4.2.9 Score per residue for model 9 (medoid)

• Molecule 1: Sperm-associated antigen 1

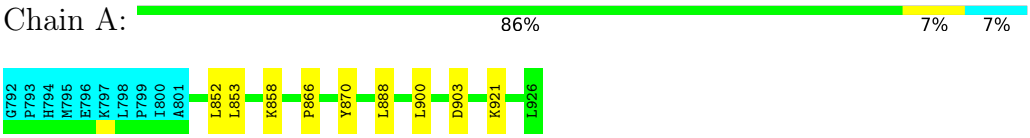
Chain A:



4.2.10 Score per residue for model 10

• Molecule 1: Sperm-associated antigen 1

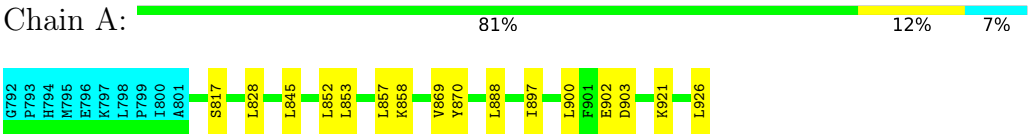
Chain A:



4.2.11 Score per residue for model 11

• Molecule 1: Sperm-associated antigen 1

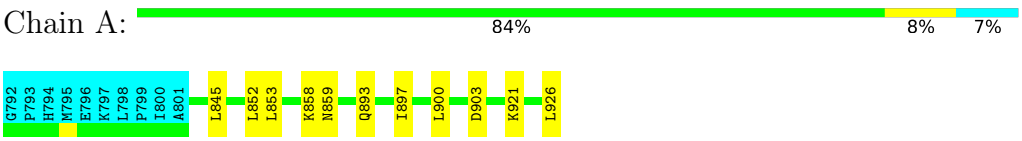
Chain A:



4.2.12 Score per residue for model 12

• Molecule 1: Sperm-associated antigen 1

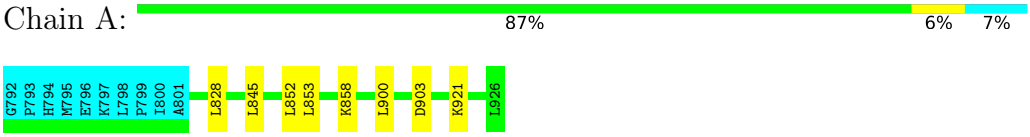
Chain A:



4.2.13 Score per residue for model 13

• Molecule 1: Sperm-associated antigen 1

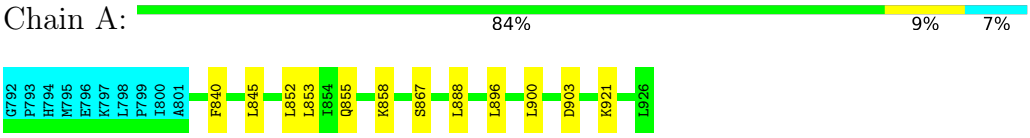
Chain A:



4.2.14 Score per residue for model 14

• Molecule 1: Sperm-associated antigen 1

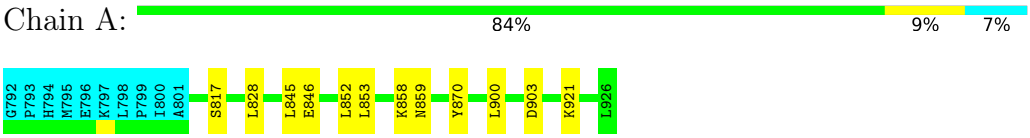
Chain A:



4.2.15 Score per residue for model 15

• Molecule 1: Sperm-associated antigen 1

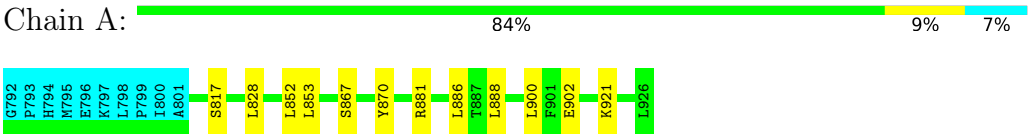
Chain A:



4.2.16 Score per residue for model 16

• Molecule 1: Sperm-associated antigen 1

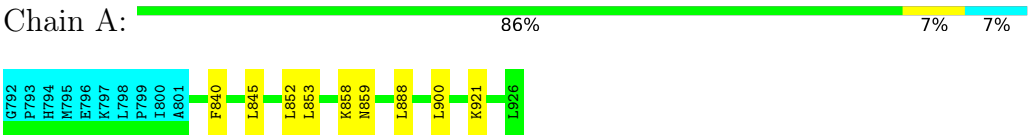
Chain A:



4.2.17 Score per residue for model 17

• Molecule 1: Sperm-associated antigen 1

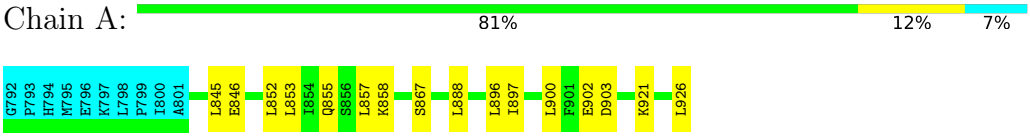
Chain A:



4.2.18 Score per residue for model 18

• Molecule 1: Sperm-associated antigen 1

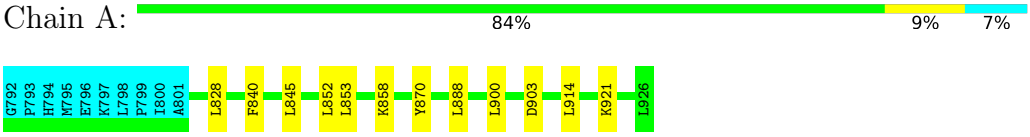
Chain A:



4.2.19 Score per residue for model 19

• Molecule 1: Sperm-associated antigen 1

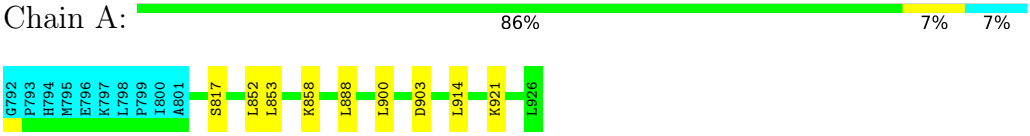
Chain A:



4.2.20 Score per residue for model 20

• Molecule 1: Sperm-associated antigen 1

Chain A:



5 Refinement protocol and experimental data overview

The models were refined using the following method: *molecular dynamics*.

Of the 120 calculated structures, 20 were deposited, based on the following criterion: *structures with the lowest energy*.

The following table shows the software used for structure solution, optimisation and refinement.

Software name	Classification	Version
CYANA	structure calculation	3
Amber	refinement	

The following table shows chemical shift validation statistics as aggregates over all chemical shift files. Detailed validation can be found in section 7 of this report.

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	1826
Number of shifts mapped to atoms	1826
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	95%

6 Model quality (i)

6.1 Standard geometry (i)

The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 5$ is considered an outlier worth inspection. RMSZ is the (average) root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	#Z>5	RMSZ	#Z>5
1	A	0.77±0.01	0±0/1032 (0.0± 0.0%)	1.35±0.02	1±1/1389 (0.0± 0.1%)
All	All	0.77	0/20640 (0.0%)	1.35	12/27780 (0.0%)

Chiral center outliers are detected by calculating the chiral volume of a chiral center and verifying if the center is modelled as a planar moiety or with the opposite hand. A planarity outlier is detected by checking planarity of atoms in a peptide group, atoms in a mainchain group or atoms of a sidechain that are expected to be planar.

Mol	Chain	Chirality	Planarity
1	A	0.0±0.0	0.6±0.7
All	All	0	12

There are no bond-length outliers.

All unique angle outliers are listed below. They are sorted according to the Z-score of the worst occurrence in the ensemble.

Mol	Chain	Res	Type	Atoms	Z	Observed(^{o})	Ideal(^{o})	Models	
								Worst	Total
1	A	866	PRO	CA-C-N	5.71	128.25	120.54	10	1
1	A	866	PRO	C-N-CA	5.71	128.25	120.54	10	1
1	A	840	PHE	CA-CB-CG	5.48	119.28	113.80	14	5
1	A	871	GLN	OE1-CD-NE2	-5.35	117.25	122.60	1	1
1	A	864	LYS	CA-C-N	5.02	127.04	122.37	7	1
1	A	864	LYS	C-N-CA	5.02	127.04	122.37	7	1
1	A	809	PHE	CA-C-N	5.01	125.55	119.98	7	1
1	A	809	PHE	C-N-CA	5.01	125.55	119.98	7	1

There are no chirality outliers.

All unique planar outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Group	Models (Total)
1	A	870	TYR	Sidechain	10
1	A	881	ARG	Sidechain	2

6.2 Too-close contacts (i)

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in each chain respectively. The H(added) column lists the number of hydrogen atoms added and optimized by MolProbity. The Clashes column lists the number of clashes averaged over the ensemble.

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	1015	1041	1041	0±1
All	All	20300	20820	20820	7

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 0.

All unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:897:ILE:HG22	1:A:926:LEU:HD11	0.54	1.80	9	4
1:A:857:LEU:HG	1:A:869:VAL:HG13	0.46	1.87	11	1
1:A:855:GLN:CD	1:A:896:LEU:HD13	0.43	2.39	14	2

6.3 Torsion angles (i)

6.3.1 Protein backbone (i)

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the backbone conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	A	124/135 (92%)	120±1 (97±1%)	4±1 (3±1%)	0±0 (0±0%)	38	78
All	All	2480/2700 (92%)	2396 (97%)	77 (3%)	7 (0%)	38	78

All 1 unique Ramachandran outliers are listed below.

Mol	Chain	Res	Type	Models (Total)
1	A	859	ASN	7

6.3.2 Protein sidechains (i)

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the sidechain conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
1	A	114/122 (93%)	104±2 (92±1%)	10±2 (8±1%)	12	60
All	All	2280/2440 (93%)	2090 (92%)	190 (8%)	12	60

All 22 unique residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	852	LEU	20
1	A	853	LEU	20
1	A	900	LEU	20
1	A	921	LYS	20
1	A	858	LYS	18
1	A	888	LEU	16
1	A	903	ASP	16
1	A	845	LEU	15
1	A	828	LEU	10
1	A	817	SER	6
1	A	902	GLU	6
1	A	846	GLU	5
1	A	914	LEU	3
1	A	857	LEU	3
1	A	867	SER	3
1	A	916	ASP	2
1	A	821	ASP	2
1	A	894	LYS	1
1	A	808	GLU	1
1	A	848	ASP	1
1	A	893	GLN	1
1	A	886	LEU	1

6.3.3 RNA (i)

There are no RNA molecules in this entry.

6.4 Non-standard residues in protein, DNA, RNA chains (i)

There are no non-standard protein/DNA/RNA residues in this entry.

6.5 Carbohydrates (i)

There are no oligosaccharides in this entry.

6.6 Ligand geometry (i)

There are no ligands in this entry.

6.7 Other polymers (i)

There are no such molecules in this entry.

6.8 Polymer linkage issues (i)

There are no chain breaks in this entry.

7 Chemical shift validation

The completeness of assignment taking into account all chemical shift lists is 95% for the well-defined parts and 95% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *assigned_chemical_shifts_1*

7.1.1 Bookkeeping

The following table shows the results of parsing the chemical shift list and reports the number of nuclei with statistically unusual chemical shifts.

Total number of shifts	1826
Number of shifts mapped to atoms	1826
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	2

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_{\alpha}$	135	-0.38 ± 0.07	None needed (< 0.5 ppm)
$^{13}C_{\beta}$	131	0.26 ± 0.05	None needed (< 0.5 ppm)
$^{13}C'$	134	-0.34 ± 0.06	None needed (< 0.5 ppm)
^{15}N	125	0.40 ± 0.24	None needed (< 0.5 ppm)

7.1.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 95%, i.e. 1700 atoms were assigned a chemical shift out of a possible 1791. 0 out of 24 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	614/618 (99%)	246/248 (99%)	250/250 (100%)	118/120 (98%)
Sidechain	984/1053 (93%)	661/684 (97%)	305/333 (92%)	18/36 (50%)

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	Total	^{1}H	^{13}C	^{15}N
Aromatic	102/120 (85%)	49/58 (84%)	49/56 (88%)	4/6 (67%)
Overall	1700/1791 (95%)	956/990 (97%)	604/639 (95%)	140/162 (86%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 95%, i.e. 1823 atoms were assigned a chemical shift out of a possible 1926. 0 out of 25 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	658/665 (99%)	264/267 (99%)	269/270 (100%)	125/128 (98%)
Sidechain	1063/1134 (94%)	715/738 (97%)	330/359 (92%)	18/37 (49%)
Aromatic	102/127 (80%)	49/62 (79%)	49/58 (84%)	4/7 (57%)
Overall	1823/1926 (95%)	1028/1067 (96%)	648/687 (94%)	147/172 (85%)

7.1.4 Statistically unusual chemical shifts (i)

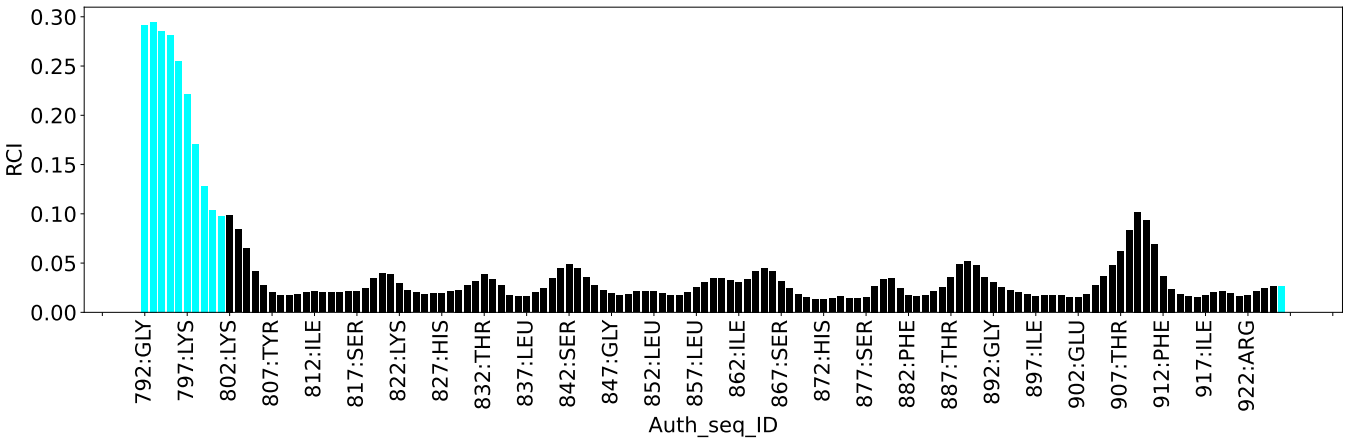
The following table lists the statistically unusual chemical shifts. These are statistical measures, and large deviations from the mean do not necessarily imply incorrect assignments. Molecules containing paramagnetic centres or hemes are expected to give rise to anomalous chemical shifts.

List Id	Chain	Res	Type	Atom	Shift, *ppm*	Expected range, *ppm*	Z-score
1	A	832	THR	HG1	5.05	0.08 – 2.19	18.5
1	A	877	SER	HA	1.48	2.50 – 6.44	-7.6

7.1.5 Random Coil Index (RCI) plots (i)

The image below reports *random coil index* values for the protein chains in the structure. The height of each bar gives a probability of a given residue to be disordered, as predicted from the available chemical shifts and the amino acid sequence. A value above 0.2 is an indication of significant predicted disorder. The colour of the bar shows whether the residue is in the well-defined core (black) or in the ill-defined residue ranges (cyan), as described in section 2 on ensemble composition.If well-defined core and ill-defined regions are not identified then it is shown as gray bars.

Random coil index (RCI) for chain A:


RCI
0.30
0.25
0.20
0.15
0.10
0.05
0.00
792:GLY
797:LYS
802:LYS
807:TYR
812:ILE
817:SER
822:LYS
827:HIS
832:THR
837:LEU
842:SER
847:GLY
852:LEU
857:LEU
862:ILE
867:SER
872:HIS
877:SER
882:PHE
887:THR
892:GLY
897:ILE
902:GLU
907:THR
912:PHE
917:ILE
922:ARG
Auth_seq_ID

8 NMR restraints analysis

8.1 Conformationally restricting restraints

The following table provides the summary of experimentally observed NMR restraints in different categories. Restraints are classified into different categories based on the sequence separation of the atoms involved.

Description	Value
Total distance restraints	3395
Intra-residue (|i-j|=0)	833
Sequential (|i-j|=1)	791
Medium range (|i-j|>1 and |i-j|<5)	932
Long range (|i-j|≥5)	839
Inter-chain	0
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	232
Number of unmapped restraints	0
Number of restraints per residue	26.9
Number of long range restraints per residue[1]	6.2

[1]Long range hydrogen bonds and disulfide bonds are counted as long range restraints while calculating the number of long range restraints per residue

8.2 Residual restraint violations

This section provides the overview of the restraint violations analysis. The violations are binned as small, medium and large violations based on its absolute value. Average number of violations per model is calculated by dividing the total number of violations in each bin by the size of the ensemble.

8.2.1 Average number of distance violations per model

Distance violations less than 0.1 Å
are not included in the calculation.

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	112.1	0.2
0.2-0.5 (Medium)	325.8	0.5
>0.5 (Large)	2660.9	5.59

8.2.2 Average number of dihedral-angle violations per model (i)

Dihedral-angle violations less than 1° are not included in the calculation.

Bins (°)	Average number of violations per model	Max (°)
1.0-10.0 (Small)	9.4	7.1
10.0-20.0 (Medium)	None	None
>20.0 (Large)	None	None

9 Distance violation analysis (i)

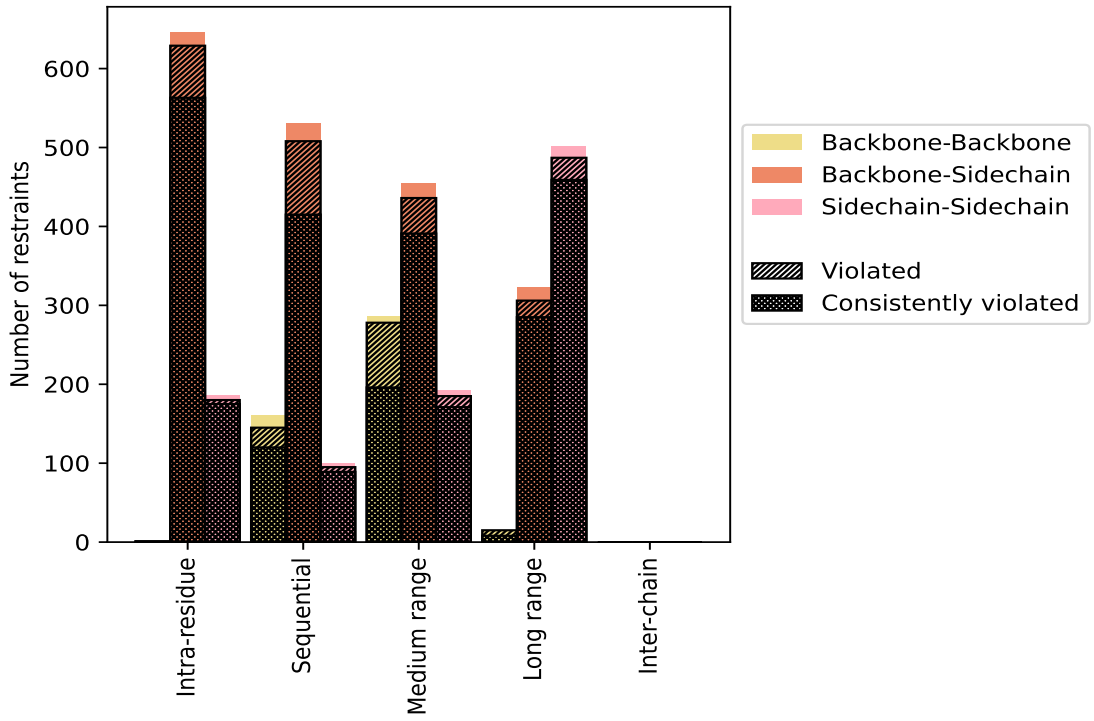
9.1 Summary of distance violations (i)

The following table shows the summary of distance violations in different restraint categories based on the sequence separation of the atoms involved. Each category is further sub-divided into three sub-categories based on the atoms involved. Violations less than 0.1 Å are not included in the statistics.

Restraints type	Count	%[1]	Violated[3]			Consistently Violated[4]		
			Count	%[2]	%[1]	Count	%[2]	%[1]
Intra-residue (|i-j|=0)	833	24.5	810	97.2	23.9	739	88.7	21.8
Backbone-Backbone	1	0.0	1	100.0	0.0	1	100.0	0.0
Backbone-Sidechain	646	19.0	629	97.4	18.5	563	87.2	16.6
Sidechain-Sidechain	186	5.5	180	96.8	5.3	175	94.1	5.2
Sequential (|i-j|=1)	791	23.3	748	94.6	22.0	624	78.9	18.4
Backbone-Backbone	160	4.7	145	90.6	4.3	120	75.0	3.5
Backbone-Sidechain	531	15.6	508	95.7	15.0	415	78.2	12.2
Sidechain-Sidechain	100	2.9	95	95.0	2.8	89	89.0	2.6
Medium range (|i-j|>1 & |i-j|<5)	932	27.5	899	96.5	26.5	758	81.3	22.3
Backbone-Backbone	286	8.4	278	97.2	8.2	196	68.5	5.8
Backbone-Sidechain	454	13.4	436	96.0	12.8	391	86.1	11.5
Sidechain-Sidechain	192	5.7	185	96.4	5.4	171	89.1	5.0
Long range (|i-j|≥5)	839	24.7	808	96.3	23.8	752	89.6	22.2
Backbone-Backbone	15	0.4	15	100.0	0.4	8	53.3	0.2
Backbone-Sidechain	323	9.5	306	94.7	9.0	285	88.2	8.4
Sidechain-Sidechain	501	14.8	487	97.2	14.3	459	91.6	13.5
Inter-chain	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	3395	100.0	3265	96.2	96.2	2873	84.6	84.6
Backbone-Backbone	462	13.6	439	95.0	12.9	325	70.3	9.6
Backbone-Sidechain	1954	57.6	1879	96.2	55.3	1654	84.6	48.7
Sidechain-Sidechain	979	28.8	947	96.7	27.9	894	91.3	26.3

[1] percentage calculated with respect to the total number of distance restraints, [2] percentage calculated with respect to the number of restraints in a particular restraint category, [3] violated in at least one model, [4] violated in all the models

9.1.1 Bar chart : Distribution of distance restraints and violations



Violated and consistently violated restraints are shown using different hatch patterns in their respective categories. The hydrogen bonds and disulfied bonds are counted in their appropriate category on the x-axis

9.2 Distance violation statistics for each model

The following table provides the distance violation statistics for each model in the ensemble. Violations less than 0.1 Å
are not included in the statistics.

Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
1	784	691	843	788	0	3106	1.23	5.2	0.68	1.14
2	780	694	850	789	0	3113	1.23	4.86	0.69	1.14
3	781	696	836	781	0	3094	1.24	5.44	0.68	1.16
4	781	693	842	781	0	3097	1.21	4.78	0.67	1.11
5	781	701	846	779	0	3107	1.23	5.59	0.68	1.14
6	779	691	838	778	0	3086	1.24	5.13	0.68	1.15
7	780	693	835	788	0	3096	1.24	4.4	0.68	1.17
8	786	691	842	787	0	3106	1.23	4.6	0.67	1.13
9	780	697	842	787	0	3106	1.22	4.63	0.68	1.13
10	781	696	844	785	0	3106	1.22	5.28	0.68	1.13

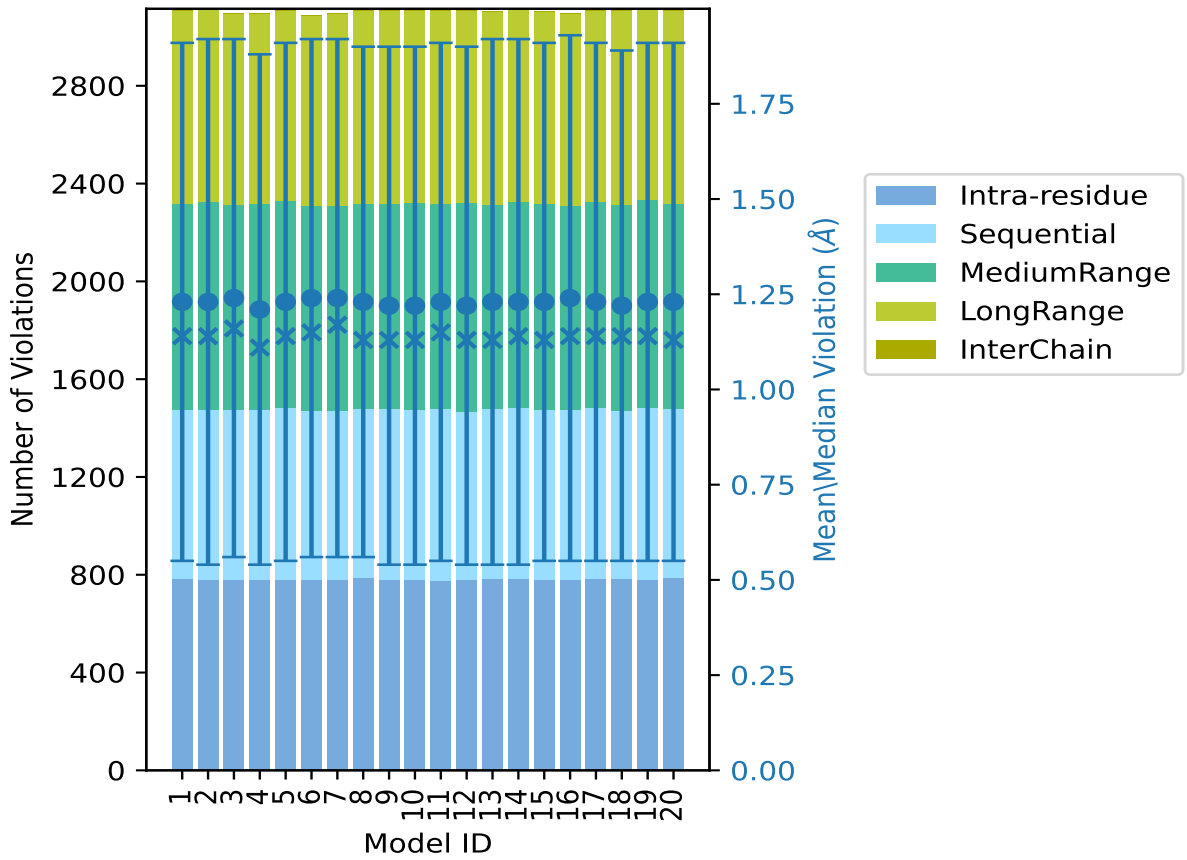
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Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
11	778	700	841	787	0	3106	1.23	4.94	0.68	1.15
12	777	691	855	786	0	3109	1.22	4.55	0.68	1.13
13	783	694	837	788	0	3102	1.23	5.5	0.69	1.13
14	785	698	842	787	0	3112	1.23	5.15	0.69	1.14
15	779	695	843	788	0	3105	1.23	4.85	0.68	1.13
16	779	694	834	789	0	3096	1.24	5.11	0.69	1.14
17	783	701	840	785	0	3109	1.23	5.35	0.68	1.14
18	782	691	843	790	0	3106	1.22	5.45	0.67	1.14
19	779	706	848	782	0	3115	1.23	4.68	0.68	1.14
20	786	693	840	788	0	3107	1.23	4.43	0.68	1.13

[1]Intra-residue restraints, [2]Sequential restraints, [3]Medium range restraints, [4]Long range restraints, [5]Inter-chain restraints, [6]Standard deviation

9.2.1 Bar graph : Distance Violation statistics for each model



The mean(dot),median(x) and the standard deviation are shown in blue with respect to the y axis on the right

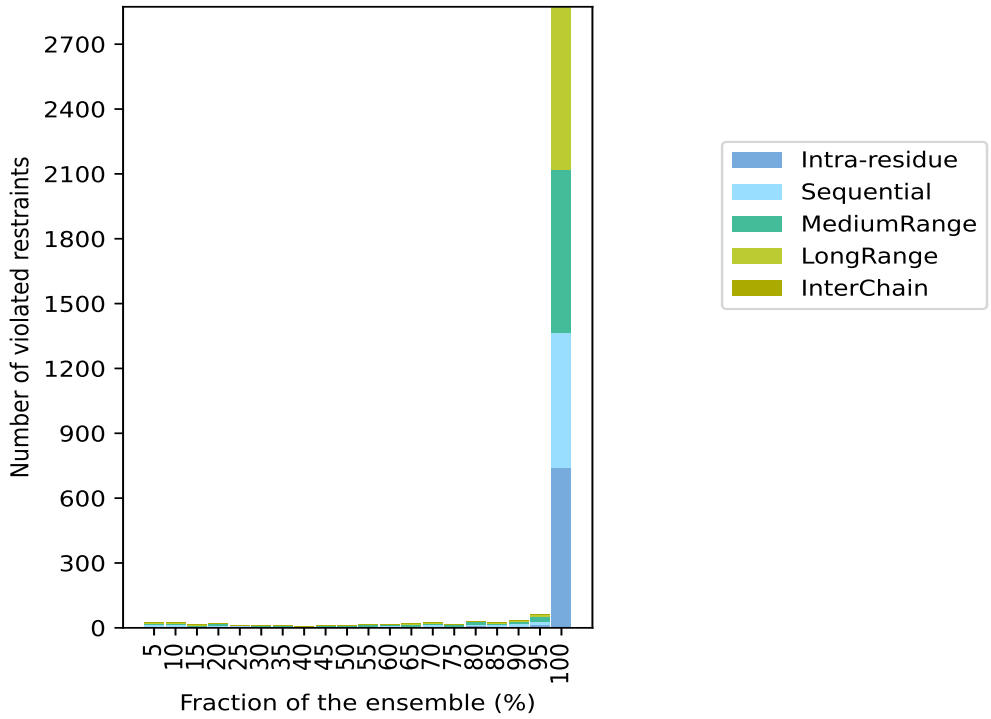
9.3 Distance violation statistics for the ensemble (i)

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 130(IR:23, SQ:43, MR:33, LR:31, IC:0) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total	Count[6]	%
6	6	8	4	0	24	1	5.0
4	9	7	3	0	23	2	10.0
3	3	5	4	0	15	3	15.0
5	7	6	3	0	21	4	20.0
4	4	3	1	0	12	5	25.0
0	5	4	0	0	9	6	30.0
1	5	5	0	0	11	7	35.0
1	4	2	1	0	8	8	40.0
0	4	5	2	0	11	9	45.0
1	4	5	2	0	12	10	50.0
4	3	7	3	0	17	11	55.0
2	6	7	1	0	16	12	60.0
2	4	10	3	0	19	13	65.0
3	9	9	2	0	23	14	70.0
2	5	7	3	0	17	15	75.0
7	8	13	2	0	30	16	80.0
5	11	3	7	0	26	17	85.0
6	14	11	5	0	36	18	90.0
15	13	24	10	0	62	19	95.0
739	624	758	752	0	2873	20	100.0

[1]Intra-residue restraints, [2]Sequential restraints, [3]Medium range restraints, [4]Long range restraints, [5]Inter-chain restraints, [6] Number of models with violations

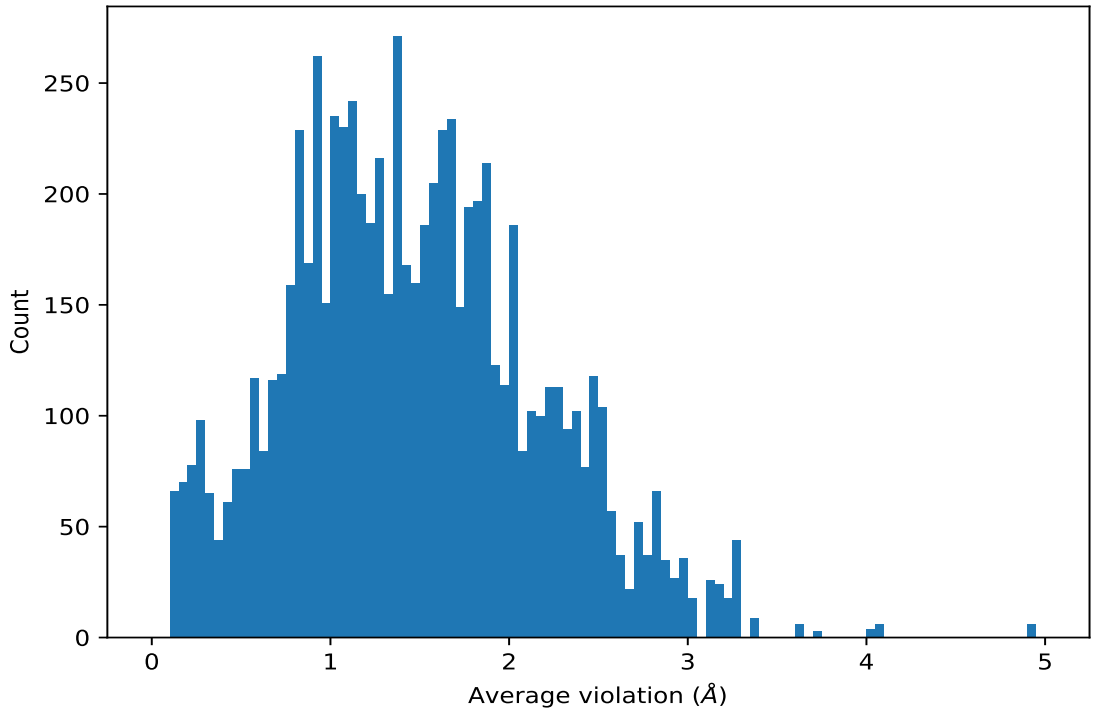
9.3.1 Bar graph : Distance violation statistics for the ensemble



9.4 Most violated distance restraints in the ensemble

9.4.1 Histogram : Distribution of mean distance violations

The following histogram shows the distribution of the average value of the violation. The average is calculated for each restraint that is violated in more than one model over all the violated models in the ensemble



9.4.2 Table: Most violated distance restraints

The following table provides the mean and the standard deviation of theviolation for each restraint sorted by number of violated models and the mean value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	20	4.93	0.46	5.03
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	20	4.93	0.46	5.03
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	20	4.93	0.46	5.03
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	20	4.93	0.46	5.03
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	20	4.93	0.46	5.03
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	20	4.93	0.46	5.03
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	20	4.07	0.47	4.08
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	20	4.07	0.47	4.08
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	20	4.07	0.47	4.08
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	20	4.07	0.47	4.08
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	20	4.07	0.47	4.08
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	20	4.07	0.47	4.08
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	20	4.01	0.3	4.07
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	20	4.01	0.3	4.07
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	20	4.01	0.3	4.07
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	20	4.01	0.3	4.07

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	20	3.71	0.16	3.75
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	20	3.71	0.16	3.75
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	20	3.71	0.16	3.75
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	20	3.65	0.16	3.68
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	20	3.65	0.16	3.68
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	20	3.65	0.16	3.68
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	20	3.65	0.16	3.68
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	20	3.65	0.16	3.68
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	20	3.65	0.16	3.68
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	20	3.37	0.1	3.38
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	20	3.37	0.1	3.38
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	20	3.37	0.1	3.38
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	20	3.37	0.1	3.38
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	20	3.37	0.1	3.38
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	20	3.37	0.1	3.38
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	20	3.37	0.1	3.38
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	20	3.37	0.1	3.38
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	20	3.37	0.1	3.38
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	20	3.3	0.14	3.3
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	20	3.3	0.14	3.3
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	20	3.3	0.14	3.3
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	20	3.3	0.14	3.3
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	20	3.3	0.14	3.3
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	20	3.3	0.14	3.3
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	20	3.3	0.14	3.3
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	20	3.3	0.14	3.3
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	20	3.3	0.14	3.3
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	20	3.3	0.08	3.28
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	20	3.3	0.08	3.28
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	20	3.3	0.08	3.28
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	20	3.27	0.15	3.31
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	20	3.27	0.15	3.31
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	20	3.27	0.15	3.31
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	20	3.27	0.15	3.31
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	20	3.27	0.15	3.31
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	20	3.27	0.15	3.31
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	20	3.26	0.04	3.27
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	20	3.26	0.04	3.27
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	20	3.26	0.04	3.27
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	20	3.26	0.04	3.27
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	20	3.26	0.62	3.58
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	20	3.26	0.62	3.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	20	3.26	0.62	3.58
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	20	3.26	0.62	3.58
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	20	3.25	0.25	3.14
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	20	3.25	0.25	3.14
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	20	3.24	0.24	3.24
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	20	3.24	0.24	3.24
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	20	3.19	0.08	3.2
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	20	3.19	0.08	3.2
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	20	3.19	0.08	3.2
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	20	3.19	0.08	3.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	20	3.19	0.08	3.2
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	20	3.19	0.08	3.2
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	20	3.18	0.05	3.17
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	20	3.18	0.05	3.17
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	20	3.18	0.05	3.17
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	20	3.18	0.05	3.17
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	20	3.18	0.05	3.17
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	20	3.18	0.05	3.17
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	20	3.17	0.26	3.18
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	20	3.17	0.26	3.18
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	20	3.17	0.26	3.18
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	20	3.17	0.26	3.18
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	20	3.17	0.26	3.18
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	20	3.17	0.26	3.18
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	20	3.16	0.09	3.16
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	20	3.16	0.09	3.16
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	20	3.16	0.09	3.16
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	20	3.16	0.09	3.16
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	20	3.16	0.09	3.16
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	20	3.16	0.09	3.16
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	20	3.15	0.17	3.21
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	20	3.15	0.17	3.21
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	20	3.15	0.17	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	20	3.14	0.16	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	20	3.14	0.16	3.2
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	20	3.13	0.15	3.16

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	20	3.13	0.15	3.16
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	20	3.13	0.15	3.16
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	20	3.11	0.41	3.22
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	20	3.11	0.41	3.22
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	20	3.05	0.05	3.06
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	20	3.05	0.05	3.06
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	20	3.05	0.05	3.06
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	20	3.05	0.05	3.06
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	20	3.05	0.05	3.06
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	20	3.05	0.05	3.06
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	20	3.02	0.05	3.01
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	20	3.02	0.05	3.01
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	20	3.02	0.05	3.01
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	20	3.02	0.05	3.01
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	20	3.02	0.05	3.01
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	20	3.02	0.05	3.01
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	20	3.01	0.13	3.04
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	20	3.01	0.13	3.04
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	20	3.01	0.13	3.04
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	20	3.0	0.03	3.0
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	20	3.0	0.03	3.0
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	20	3.0	0.03	3.0
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	20	2.99	0.05	2.99
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	20	2.99	0.05	2.99
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	20	2.99	0.05	2.99
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	20	2.99	0.05	2.99
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	20	2.99	0.05	2.99
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	20	2.99	0.05	2.99
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	20	2.99	0.1	3.01
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	20	2.99	0.1	3.01
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	20	2.99	0.1	3.01
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	20	2.98	0.12	2.96
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	20	2.98	0.12	2.96
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	20	2.98	0.12	2.96
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	20	2.97	0.2	2.94
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	20	2.97	0.2	2.94
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	20	2.97	0.2	2.94
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	20	2.97	0.2	2.94
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	20	2.97	0.2	2.94
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	20	2.97	0.2	2.94
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	20	2.96	0.18	3.02
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	20	2.96	0.18	3.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	20	2.96	0.18	3.02
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	20	2.96	0.18	3.02
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	20	2.96	0.18	3.02
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	20	2.96	0.18	3.02
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	20	2.96	0.03	2.97
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	20	2.96	0.03	2.97
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	20	2.96	0.03	2.97
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	20	2.96	0.03	2.97
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	20	2.96	0.03	2.97
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	20	2.96	0.03	2.97
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	20	2.96	0.03	2.97
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	20	2.96	0.03	2.97
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	20	2.96	0.03	2.97
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	20	2.95	0.15	2.99
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	20	2.95	0.15	2.99
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	20	2.95	0.15	2.99
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	20	2.93	0.06	2.94
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	20	2.93	0.06	2.94
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	20	2.93	0.06	2.94
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	20	2.93	0.06	2.94
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	20	2.93	0.06	2.94
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	20	2.93	0.06	2.94
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	20	2.92	0.29	2.96
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	20	2.92	0.29	2.96
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	20	2.92	0.29	2.96
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	20	2.92	0.29	2.96
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	20	2.92	0.29	2.96
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	20	2.92	0.29	2.96
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	20	2.92	0.29	2.96
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	20	2.92	0.29	2.96
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	20	2.92	0.29	2.96
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	20	2.92	0.02	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	20	2.92	0.02	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	20	2.92	0.02	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	20	2.92	0.02	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	20	2.92	0.02	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	20	2.92	0.02	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	20	2.92	0.02	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	20	2.92	0.02	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	20	2.92	0.02	2.92
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	20	2.92	0.22	2.96
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	20	2.92	0.22	2.96

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	20	2.92	0.22	2.96
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	20	2.9	0.33	2.96
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	20	2.9	0.33	2.96
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	20	2.88	0.04	2.88
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	20	2.88	0.04	2.88
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	20	2.88	0.04	2.88
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	20	2.88	0.04	2.88
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	20	2.88	0.04	2.88
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	20	2.88	0.04	2.88
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	20	2.88	0.04	2.88
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	20	2.88	0.04	2.88
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	20	2.88	0.04	2.88
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	20	2.87	0.45	3.04
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	20	2.87	0.45	3.04
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	20	2.87	0.45	3.04
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	20	2.87	0.14	2.84
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	20	2.87	0.14	2.84
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	20	2.87	0.14	2.84
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	20	2.87	0.14	2.84
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	20	2.87	0.14	2.84
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	20	2.87	0.14	2.84
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	20	2.87	0.14	2.84
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	20	2.87	0.14	2.84
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	20	2.87	0.14	2.84
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	20	2.86	0.04	2.86
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	20	2.86	0.04	2.86
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	20	2.86	0.04	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	20	2.86	0.04	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	20	2.86	0.04	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	20	2.86	0.04	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	20	2.86	0.04	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	20	2.86	0.04	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	20	2.86	0.04	2.86
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	20	2.86	0.14	2.86
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	20	2.86	0.14	2.86
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	20	2.86	0.14	2.86
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	20	2.84	0.25	2.82
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	20	2.84	0.25	2.82
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	20	2.84	0.25	2.82
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	20	2.84	0.15	2.89
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	20	2.84	0.15	2.89
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	20	2.84	0.15	2.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	20	2.84	0.15	2.89
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	20	2.84	0.15	2.89
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	20	2.84	0.15	2.89
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	20	2.83	0.1	2.84
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	20	2.83	0.1	2.84
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	20	2.83	0.22	2.88
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	20	2.83	0.22	2.88
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	20	2.83	0.22	2.88
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	20	2.82	0.4	2.99
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	20	2.82	0.4	2.99
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	20	2.82	0.4	2.99
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	20	2.82	0.09	2.83
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	20	2.82	0.09	2.83
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	20	2.82	0.09	2.83
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	20	2.82	0.09	2.83
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	20	2.82	0.09	2.83
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	20	2.82	0.09	2.83
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	20	2.82	0.14	2.84
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	20	2.82	0.14	2.84
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	20	2.82	0.14	2.84
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	20	2.82	0.14	2.84
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	20	2.82	0.14	2.84
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	20	2.82	0.14	2.84
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	20	2.82	0.08	2.8
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	20	2.82	0.08	2.8
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	20	2.82	0.08	2.8
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	20	2.82	0.11	2.82
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	20	2.82	0.11	2.82
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	20	2.82	0.11	2.82
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	20	2.82	0.11	2.82
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	20	2.82	0.11	2.82
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	20	2.82	0.11	2.82
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	20	2.82	0.11	2.82
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	20	2.82	0.11	2.82
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	20	2.82	0.11	2.82
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	20	2.82	0.14	2.8
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	20	2.82	0.14	2.8
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	20	2.82	0.14	2.8
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	20	2.81	0.46	2.9
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	20	2.81	0.46	2.9
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	20	2.81	0.05	2.8
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	20	2.81	0.05	2.8

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	20	2.81	0.05	2.8
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	20	2.81	0.05	2.8
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	20	2.81	0.05	2.8
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	20	2.81	0.05	2.8
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	20	2.81	0.05	2.8
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	20	2.81	0.05	2.8
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	20	2.81	0.05	2.8
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	20	2.81	0.1	2.79
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	20	2.81	0.1	2.79
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	20	2.81	0.14	2.81
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	20	2.81	0.14	2.81
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	20	2.81	0.14	2.81
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	20	2.81	0.14	2.81
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	20	2.81	0.14	2.81
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	20	2.81	0.14	2.81
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	20	2.81	0.14	2.81
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	20	2.81	0.14	2.81
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	20	2.81	0.14	2.81
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	20	2.8	0.14	2.78
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	20	2.8	0.14	2.78
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	20	2.78	0.53	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	20	2.78	0.53	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	20	2.78	0.53	2.99
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	20	2.78	0.13	2.78
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	20	2.78	0.13	2.78
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	20	2.78	0.13	2.78
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	20	2.78	0.04	2.78
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	20	2.78	0.04	2.78
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	20	2.78	0.04	2.78
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	20	2.78	0.04	2.78
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	20	2.78	0.04	2.78
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	20	2.78	0.04	2.78
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	20	2.78	0.04	2.78
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	20	2.78	0.04	2.78
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	20	2.78	0.04	2.78
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	20	2.77	0.57	3.02
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	20	2.77	0.57	3.02
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	20	2.77	0.57	3.02
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	20	2.77	0.57	3.02
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	20	2.77	0.57	3.02
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	20	2.77	0.57	3.02
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	20	2.77	0.1	2.76

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	20	2.77	0.1	2.76
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	20	2.77	0.1	2.76
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	20	2.76	0.29	2.84
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	20	2.76	0.29	2.84
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	20	2.76	0.29	2.84
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	20	2.76	0.61	3.01
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	20	2.76	0.61	3.01
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	20	2.76	0.61	3.01
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	20	2.75	0.06	2.76
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	20	2.75	0.06	2.76
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	20	2.75	0.19	2.7
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	20	2.75	0.19	2.7
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	20	2.75	0.19	2.7
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	20	2.74	0.34	2.9
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	20	2.74	0.34	2.9
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	20	2.74	0.34	2.9
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	20	2.74	0.17	2.78
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	20	2.74	0.17	2.78
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	20	2.74	0.17	2.78
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	20	2.74	0.17	2.78
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	20	2.74	0.17	2.78
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	20	2.74	0.17	2.78
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	20	2.74	0.17	2.78
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	20	2.74	0.17	2.78
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	20	2.74	0.17	2.78
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	20	2.74	0.86	3.15
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	20	2.74	0.86	3.15
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	20	2.74	0.86	3.15
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	20	2.74	0.86	3.15
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	20	2.72	0.23	2.7
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	20	2.72	0.23	2.7
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	20	2.72	0.23	2.7
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	20	2.72	0.23	2.7
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	20	2.72	0.23	2.7
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	20	2.72	0.23	2.7
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	20	2.72	0.16	2.76
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	20	2.71	0.1	2.74
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	20	2.71	0.1	2.74
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	20	2.71	0.1	2.71
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	20	2.71	0.1	2.71
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	20	2.71	0.1	2.71
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	20	2.71	0.05	2.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	20	2.71	0.05	2.7
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	20	2.71	0.05	2.7
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	20	2.7	0.15	2.74
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	20	2.7	0.15	2.74
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	20	2.7	0.15	2.74
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	20	2.7	0.09	2.72
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	20	2.7	0.09	2.72
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	20	2.7	0.09	2.72
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	20	2.7	0.02	2.7
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	20	2.7	0.02	2.7
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	20	2.7	0.02	2.7
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	20	2.7	0.02	2.7
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	20	2.7	0.02	2.7
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	20	2.7	0.02	2.7
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	20	2.7	0.02	2.7
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	20	2.7	0.02	2.7
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	20	2.7	0.02	2.7
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	20	2.7	0.24	2.76
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	20	2.7	0.24	2.76
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	20	2.7	0.24	2.76
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	20	2.7	0.24	2.76
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	20	2.7	0.24	2.76
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	20	2.7	0.24	2.76
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	20	2.69	0.39	2.62
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	20	2.69	0.39	2.62
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	20	2.69	0.39	2.62
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	20	2.69	0.39	2.62
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	20	2.69	0.39	2.62
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	20	2.69	0.39	2.62
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	20	2.69	0.1	2.68
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	20	2.69	0.1	2.68
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	20	2.69	0.1	2.68
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	20	2.69	0.1	2.68
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	20	2.69	0.1	2.68
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	20	2.69	0.1	2.68
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	20	2.69	0.1	2.68
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	20	2.69	0.1	2.68
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	20	2.69	0.1	2.68
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	20	2.66	0.15	2.65
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	20	2.66	0.2	2.63
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	20	2.66	0.2	2.63
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	20	2.66	0.2	2.63

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	20	2.66	0.2	2.63
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	20	2.66	0.2	2.63
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	20	2.66	0.2	2.63
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	20	2.65	0.16	2.68
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	20	2.65	0.16	2.68
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	20	2.65	0.16	2.68
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	20	2.65	0.13	2.66
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	20	2.65	0.13	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	20	2.64	0.03	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	20	2.64	0.03	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	20	2.64	0.03	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	20	2.64	0.03	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	20	2.64	0.03	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	20	2.64	0.03	2.64
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	20	2.64	0.12	2.64
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	20	2.64	0.12	2.64
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	20	2.63	0.21	2.68
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	20	2.63	0.21	2.68
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	20	2.62	0.32	2.64
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	20	2.62	0.32	2.64
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	20	2.62	0.32	2.64
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	20	2.62	0.04	2.61
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	20	2.62	0.04	2.61
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	20	2.62	0.04	2.61
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	20	2.61	0.03	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	20	2.61	0.03	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	20	2.61	0.03	2.6
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	20	2.6	0.12	2.61
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	20	2.6	0.12	2.61
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	20	2.6	0.12	2.61
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	20	2.6	0.12	2.61
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	20	2.6	0.07	2.6
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	20	2.6	0.07	2.6
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	20	2.6	0.07	2.6
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	20	2.6	0.07	2.6
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	20	2.6	0.07	2.6
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	20	2.6	0.07	2.6
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	20	2.6	0.07	2.6
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	20	2.6	0.07	2.6
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	20	2.6	0.07	2.6
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	20	2.59	0.09	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	20	2.59	0.09	2.61

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	20	2.59	0.09	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	20	2.59	0.09	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	20	2.59	0.09	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	20	2.59	0.09	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	20	2.59	0.09	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	20	2.59	0.09	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	20	2.59	0.09	2.61
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	20	2.59	0.06	2.62
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	20	2.59	0.06	2.62
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	20	2.59	0.06	2.62
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	20	2.59	0.22	2.74
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	20	2.59	0.18	2.58
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	20	2.59	0.18	2.58
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	20	2.59	0.18	2.58
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	20	2.59	0.12	2.56
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	20	2.59	0.12	2.56
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	20	2.59	0.12	2.56
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	20	2.59	0.44	2.74
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	20	2.59	0.44	2.74
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	20	2.59	0.44	2.74
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	20	2.59	0.44	2.74
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	20	2.59	0.44	2.74
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	20	2.59	0.44	2.74
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	20	2.58	0.57	2.83
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	20	2.58	0.57	2.83
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	20	2.58	0.57	2.83
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	20	2.58	0.57	2.83
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	20	2.58	0.57	2.83
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	20	2.58	0.57	2.83
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	20	2.58	0.32	2.52
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	20	2.58	0.32	2.52
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	20	2.58	0.32	2.52
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	20	2.57	0.13	2.58
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	20	2.57	0.13	2.58
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	20	2.57	0.13	2.58
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	20	2.57	0.13	2.58
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	20	2.57	0.13	2.58
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	20	2.57	0.13	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	20	2.57	0.02	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	20	2.57	0.02	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	20	2.57	0.02	2.56
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	20	2.57	0.14	2.64

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	20	2.57	0.14	2.64
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	20	2.56	0.2	2.58
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	20	2.56	0.2	2.58
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	20	2.56	0.2	2.58
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	20	2.56	0.19	2.58
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	20	2.56	0.19	2.58
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	20	2.56	0.19	2.58
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	20	2.56	0.22	2.58
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	20	2.56	0.22	2.58
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	20	2.56	0.22	2.58
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	20	2.56	0.1	2.56
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	20	2.56	0.1	2.56
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	20	2.56	0.1	2.56
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	20	2.55	0.06	2.53
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	20	2.55	0.06	2.53
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	20	2.55	0.06	2.53
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	20	2.55	0.11	2.56
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	20	2.54	0.1	2.53
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	20	2.54	0.1	2.53
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	20	2.54	0.1	2.53
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	20	2.54	0.1	2.53
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	20	2.54	0.1	2.53
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	20	2.54	0.1	2.53
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	20	2.54	0.05	2.55
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	20	2.54	0.05	2.55
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	20	2.54	0.05	2.55
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	20	2.54	0.05	2.55
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	20	2.54	0.05	2.55
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	20	2.54	0.05	2.55
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	20	2.54	0.05	2.55
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	20	2.54	0.05	2.55
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	20	2.54	0.05	2.55
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	20	2.54	0.13	2.55
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	20	2.54	0.13	2.55
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	20	2.54	0.13	2.55
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	20	2.54	0.08	2.56
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	20	2.54	0.08	2.56
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	20	2.54	0.08	2.56
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	20	2.54	0.39	2.76
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	20	2.54	0.39	2.76
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	20	2.54	0.39	2.76
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	20	2.54	0.39	2.76

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	20	2.54	0.39	2.76
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	20	2.54	0.39	2.76
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	20	2.54	0.05	2.54
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	20	2.54	0.05	2.54
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	20	2.54	0.05	2.54
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	20	2.54	0.05	2.54
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	20	2.54	0.05	2.54
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	20	2.54	0.05	2.54
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	20	2.54	0.05	2.54
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	20	2.54	0.05	2.54
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	20	2.54	0.05	2.54
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	20	2.54	0.11	2.54
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	20	2.54	0.11	2.54
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	20	2.53	0.11	2.55
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	20	2.53	0.11	2.55
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	20	2.53	0.11	2.55
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	20	2.53	0.19	2.51
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	20	2.53	0.19	2.51
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	20	2.53	0.19	2.51
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	20	2.53	0.08	2.52
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	20	2.53	0.08	2.52
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	20	2.53	0.08	2.52
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	20	2.53	0.22	2.54
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	20	2.53	0.22	2.54
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	20	2.53	0.22	2.54
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	20	2.53	0.22	2.54
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	20	2.53	0.22	2.54
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	20	2.53	0.22	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	20	2.52	0.02	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	20	2.52	0.02	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	20	2.52	0.02	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	20	2.52	0.02	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	20	2.52	0.02	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	20	2.52	0.02	2.53
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	20	2.52	0.19	2.56
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	20	2.52	0.19	2.56
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	20	2.52	0.19	2.56
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	20	2.52	0.27	2.55
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	20	2.52	0.27	2.55
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	20	2.52	0.27	2.55
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	20	2.52	0.27	2.55
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	20	2.52	0.27	2.55

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	20	2.52	0.27	2.55
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	20	2.52	0.05	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	20	2.52	0.05	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	20	2.52	0.05	2.5
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	20	2.52	0.12	2.56
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	20	2.52	0.12	2.56
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	20	2.52	0.12	2.56
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	20	2.52	0.12	2.56
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	20	2.51	0.06	2.51
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	20	2.51	0.06	2.51
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	20	2.51	0.06	2.51
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	20	2.51	0.13	2.51
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	20	2.51	0.13	2.51
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	20	2.51	0.13	2.51
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	20	2.51	0.14	2.53
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	20	2.51	0.14	2.53
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	20	2.51	0.14	2.53
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	20	2.5	0.05	2.51
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	20	2.5	0.05	2.51
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	20	2.5	0.05	2.51
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	20	2.5	0.07	2.5
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	20	2.5	0.07	2.5
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	20	2.5	0.07	2.5
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	20	2.5	0.07	2.5
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	20	2.5	0.07	2.5
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	20	2.5	0.07	2.5
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	20	2.5	0.07	2.5
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	20	2.5	0.07	2.5
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	20	2.5	0.07	2.5
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	20	2.5	0.08	2.5
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	20	2.5	0.08	2.5
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	20	2.5	0.08	2.5
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	20	2.5	0.11	2.49
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	20	2.49	0.29	2.5
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	20	2.49	0.29	2.5
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	20	2.49	0.29	2.5
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	20	2.49	0.29	2.5
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	20	2.49	0.21	2.52
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	20	2.49	0.21	2.52
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	20	2.49	0.21	2.52
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	20	2.48	0.13	2.44
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	20	2.48	0.13	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	20	2.48	0.13	2.44
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	20	2.48	0.04	2.48
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	20	2.48	0.04	2.48
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	20	2.48	0.07	2.49
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	20	2.48	0.07	2.49
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	20	2.48	0.07	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	20	2.48	0.07	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	20	2.48	0.07	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	20	2.48	0.07	2.49
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	20	2.48	0.13	2.54
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	20	2.48	0.13	2.54
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	20	2.48	0.13	2.54
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	20	2.48	0.13	2.54
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	20	2.47	0.04	2.47
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	20	2.47	0.04	2.47
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	20	2.47	0.04	2.47
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	20	2.47	0.08	2.46
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	20	2.47	0.08	2.46
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	20	2.47	0.08	2.46
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	20	2.47	0.08	2.46
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	20	2.47	0.08	2.46
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	20	2.47	0.08	2.46
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	20	2.47	0.24	2.46
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	20	2.47	0.24	2.46
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	20	2.47	0.24	2.46
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	20	2.47	0.24	2.46
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	20	2.47	0.24	2.46
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	20	2.47	0.24	2.46
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	20	2.47	0.41	2.38
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	20	2.47	0.41	2.38
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	20	2.47	0.14	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	20	2.47	0.14	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	20	2.47	0.14	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	20	2.47	0.14	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	20	2.47	0.14	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	20	2.47	0.14	2.49
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	20	2.47	0.2	2.46
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	20	2.47	0.2	2.46
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	20	2.47	0.2	2.46
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	20	2.47	0.03	2.47
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	20	2.47	0.03	2.47
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	20	2.47	0.03	2.47

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	20	2.47	0.03	2.46
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	20	2.47	0.03	2.46
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	20	2.47	0.03	2.46
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	20	2.47	0.03	2.46
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	20	2.47	0.03	2.46
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	20	2.47	0.03	2.46
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	20	2.46	0.16	2.54
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	20	2.46	0.16	2.54
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	20	2.46	0.16	2.54
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	20	2.46	0.15	2.44
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	20	2.46	0.15	2.44
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	20	2.46	0.02	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	20	2.46	0.02	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	20	2.46	0.02	2.46
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	20	2.46	0.8	2.6
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	20	2.46	0.8	2.6
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	20	2.46	0.8	2.6
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	20	2.46	0.91	2.4
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	20	2.46	0.91	2.4
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	20	2.46	0.91	2.4
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	20	2.45	0.13	2.45
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	20	2.45	0.13	2.45
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	20	2.45	0.13	2.45
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	20	2.45	0.13	2.45
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	20	2.45	0.13	2.45
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	20	2.45	0.13	2.45
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	20	2.45	0.13	2.45
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	20	2.45	0.13	2.45
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	20	2.45	0.13	2.45
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	20	2.45	0.82	1.92
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	20	2.45	0.82	1.92
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	20	2.45	0.21	2.5
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	20	2.45	0.21	2.5
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	20	2.45	0.21	2.5
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	20	2.45	0.21	2.5
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	20	2.45	0.81	2.68
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	20	2.45	0.81	2.68
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	20	2.45	0.81	2.68
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	20	2.45	0.81	2.68
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	20	2.45	0.81	2.68
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	20	2.45	0.81	2.68
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	20	2.45	0.18	2.43

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	20	2.45	0.18	2.43
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	20	2.45	0.18	2.43
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	20	2.45	0.18	2.43
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	20	2.45	0.18	2.43
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	20	2.45	0.18	2.43
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	20	2.45	0.18	2.43
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	20	2.45	0.18	2.43
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	20	2.45	0.18	2.43
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	20	2.45	0.05	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	20	2.45	0.05	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	20	2.45	0.05	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	20	2.45	0.05	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	20	2.45	0.05	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	20	2.45	0.05	2.47
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	20	2.45	0.06	2.44
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	20	2.45	0.06	2.44
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	20	2.45	0.11	2.42
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	20	2.45	0.11	2.42
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	20	2.45	0.11	2.42
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	20	2.45	0.05	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	20	2.45	0.05	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	20	2.45	0.05	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	20	2.45	0.05	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	20	2.45	0.05	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	20	2.45	0.05	2.45
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	20	2.44	0.16	2.45
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	20	2.44	0.16	2.45
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	20	2.44	0.16	2.45
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	20	2.44	0.16	2.45
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	20	2.44	0.16	2.45
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	20	2.44	0.16	2.45
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	20	2.44	0.72	2.44
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	20	2.44	0.72	2.44
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	20	2.44	1.25	2.22
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	20	2.44	1.25	2.22
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	20	2.44	1.25	2.22
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	20	2.44	0.01	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	20	2.44	0.01	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	20	2.44	0.01	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	20	2.44	0.01	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	20	2.44	0.01	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	20	2.44	0.01	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	20	2.44	0.01	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	20	2.44	0.01	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	20	2.44	0.01	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	20	2.44	0.01	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	20	2.44	0.01	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	20	2.44	0.01	2.44
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	20	2.43	0.07	2.46
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	20	2.43	0.07	2.46
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	20	2.43	0.07	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	20	2.43	0.07	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	20	2.43	0.07	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	20	2.43	0.07	2.46
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	20	2.43	0.07	2.46
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	20	2.43	0.07	2.46
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	20	2.43	0.07	2.46
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	20	2.43	0.05	2.44
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	20	2.43	0.05	2.44
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	20	2.43	0.1	2.42
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	20	2.42	0.28	2.49
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	20	2.42	0.28	2.49
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	20	2.42	0.28	2.49
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	20	2.42	0.28	2.49
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	20	2.42	0.28	2.49
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	20	2.42	0.28	2.49
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	20	2.42	0.75	2.78
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	20	2.42	0.75	2.78
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	20	2.42	0.75	2.78
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	20	2.42	0.11	2.42
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	20	2.42	0.11	2.42
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	20	2.42	0.11	2.42
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	20	2.42	0.11	2.42
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	20	2.42	0.11	2.42
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	20	2.42	0.11	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	20	2.42	0.03	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	20	2.42	0.03	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	20	2.42	0.03	2.42
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	20	2.41	0.17	2.38
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	20	2.41	0.17	2.38
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	20	2.41	0.17	2.38
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	20	2.41	0.17	2.38
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	20	2.41	0.17	2.38
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	20	2.41	0.17	2.38

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	20	2.41	0.17	2.38
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	20	2.41	0.17	2.38
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	20	2.41	0.17	2.38
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	20	2.41	0.19	2.41
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	20	2.41	0.19	2.41
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	20	2.41	0.19	2.41
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	20	2.41	0.06	2.42
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	20	2.41	0.06	2.42
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	20	2.41	0.06	2.42
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	20	2.41	0.06	2.42
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	20	2.41	0.06	2.42
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	20	2.41	0.06	2.42
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	20	2.4	0.21	2.48
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	20	2.4	0.21	2.48
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	20	2.4	0.21	2.48
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	20	2.4	0.09	2.38
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	20	2.4	0.09	2.38
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	20	2.4	0.09	2.38
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	20	2.4	0.09	2.38
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	20	2.4	0.14	2.36
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	20	2.4	0.14	2.36
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	20	2.4	0.14	2.36
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	20	2.4	0.14	2.36
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	20	2.4	0.14	2.43
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	20	2.4	0.14	2.43
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	20	2.4	0.14	2.43
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	20	2.39	0.08	2.38
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	20	2.39	0.08	2.38
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	20	2.39	0.08	2.38
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	20	2.39	0.11	2.42
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	20	2.39	0.11	2.42
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	20	2.39	0.05	2.41
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	20	2.39	0.05	2.41
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	20	2.39	0.05	2.41
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	20	2.39	0.05	2.41
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	20	2.39	0.05	2.41
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	20	2.39	0.05	2.41
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	20	2.39	0.05	2.41
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	20	2.39	0.05	2.41
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	20	2.39	0.05	2.41
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	20	2.39	0.01	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	20	2.39	0.01	2.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	20	2.39	0.01	2.39
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	20	2.39	0.04	2.38
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	20	2.39	0.04	2.38
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	20	2.39	0.04	2.38
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	20	2.39	0.04	2.38
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	20	2.39	0.04	2.38
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	20	2.39	0.04	2.38
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	20	2.39	0.04	2.38
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	20	2.39	0.04	2.38
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	20	2.39	0.04	2.38
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	20	2.38	0.12	2.4
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	20	2.38	0.12	2.4
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	20	2.38	0.16	2.42
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	20	2.38	0.16	2.42
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	20	2.38	0.16	2.42
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	20	2.38	0.16	2.42
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	20	2.38	0.16	2.42
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	20	2.38	0.16	2.42
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	20	2.37	0.51	2.53
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	20	2.37	0.51	2.53
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	20	2.37	0.51	2.53
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	20	2.37	0.08	2.34
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	20	2.37	0.08	2.34
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	20	2.37	0.08	2.34
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	20	2.37	0.08	2.34
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	20	2.37	0.08	2.34
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	20	2.37	0.08	2.34
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	20	2.37	0.08	2.34
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	20	2.37	0.08	2.34
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	20	2.37	0.08	2.34
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	20	2.36	0.19	2.38
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	20	2.36	0.19	2.38
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	20	2.36	0.19	2.38
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	20	2.36	0.06	2.35
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	20	2.36	0.06	2.35
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	20	2.36	0.24	2.39
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	20	2.36	0.24	2.39
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	20	2.36	0.24	2.39
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	20	2.36	0.24	2.39
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	20	2.36	0.24	2.39
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	20	2.36	0.24	2.39
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	20	2.36	0.24	2.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	20	2.36	0.24	2.39
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	20	2.36	0.24	2.39
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	20	2.35	0.8	2.19
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	20	2.35	0.8	2.19
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	20	2.35	0.07	2.36
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	20	2.35	0.07	2.36
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	20	2.35	0.32	2.36
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	20	2.35	0.32	2.36
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	20	2.35	0.32	2.36
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	20	2.35	0.14	2.34
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	20	2.35	0.14	2.34
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	20	2.35	0.14	2.34
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	20	2.35	0.14	2.34
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	20	2.35	0.14	2.34
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	20	2.35	0.14	2.34
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	20	2.35	0.25	2.41
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	20	2.35	0.25	2.41
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	20	2.35	0.25	2.41
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	20	2.35	0.25	2.41
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	20	2.35	0.07	2.34
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	20	2.35	0.07	2.34
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	20	2.35	0.11	2.32
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	20	2.35	0.11	2.32
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	20	2.35	0.11	2.32
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	20	2.35	0.11	2.32
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	20	2.35	0.11	2.32
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	20	2.35	0.11	2.32
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	20	2.35	0.11	2.32
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	20	2.35	0.11	2.32
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	20	2.35	0.11	2.32
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	20	2.34	0.36	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	20	2.34	0.36	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	20	2.34	0.36	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	20	2.34	0.36	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	20	2.34	0.36	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	20	2.34	0.36	2.49
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	20	2.34	0.22	2.34
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	20	2.34	0.22	2.34
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	20	2.34	0.22	2.34
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	20	2.34	0.22	2.34
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	20	2.34	0.22	2.34
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	20	2.34	0.22	2.34

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	20	2.34	0.32	2.49
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	20	2.34	0.32	2.49
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	20	2.34	0.32	2.49
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	20	2.34	0.32	2.49
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	20	2.34	0.32	2.49
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	20	2.34	0.32	2.49
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	20	2.34	0.15	2.35
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	20	2.34	0.15	2.35
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	20	2.34	0.15	2.35
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	20	2.34	0.15	2.35
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	20	2.34	0.15	2.35
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	20	2.34	0.15	2.35
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	20	2.34	0.28	2.26
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	20	2.34	0.28	2.26
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	20	2.34	0.28	2.26
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	20	2.34	0.08	2.34
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	20	2.34	0.08	2.34
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	20	2.34	0.08	2.34
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	20	2.34	0.03	2.34
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	20	2.34	0.03	2.34
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	20	2.34	0.03	2.34
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	20	2.34	0.03	2.34
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	20	2.34	0.03	2.34
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	20	2.34	0.03	2.34
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	20	2.34	0.03	2.34
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	20	2.34	0.03	2.34
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	20	2.34	0.03	2.34
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	20	2.33	0.53	2.4
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	20	2.33	0.14	2.36
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	20	2.33	0.14	2.36
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	20	2.33	0.16	2.32
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	20	2.33	0.16	2.32
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	20	2.33	0.16	2.32
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	20	2.33	0.16	2.32
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	20	2.33	0.13	2.3
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	20	2.32	0.17	2.32
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	20	2.32	0.17	2.32
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	20	2.32	0.17	2.32
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	20	2.32	0.17	2.32
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	20	2.32	0.05	2.33
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	20	2.32	0.05	2.33
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	20	2.32	0.05	2.33

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	20	2.32	0.05	2.33
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	20	2.32	0.05	2.33
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	20	2.32	0.05	2.33
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	20	2.32	0.09	2.3
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	20	2.32	0.09	2.3
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	20	2.32	0.09	2.3
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	20	2.31	0.09	2.34
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	20	2.31	0.09	2.34
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	20	2.31	0.09	2.34
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	20	2.31	0.09	2.34
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	20	2.31	0.09	2.34
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	20	2.31	0.09	2.34
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	20	2.31	0.18	2.26
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	20	2.31	0.18	2.26
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	20	2.31	0.1	2.3
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	20	2.31	0.1	2.3
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	20	2.31	0.1	2.3
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	20	2.31	0.1	2.3
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	20	2.31	0.1	2.3
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	20	2.31	0.1	2.3
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	20	2.31	0.1	2.3
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	20	2.31	0.1	2.3
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	20	2.31	0.1	2.3
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	20	2.31	0.25	2.34
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	20	2.31	0.25	2.34
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	20	2.31	0.25	2.34
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	20	2.31	0.25	2.34
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	20	2.31	0.25	2.34
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	20	2.31	0.25	2.34
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	20	2.31	0.07	2.32
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	20	2.31	0.07	2.32
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	20	2.31	0.07	2.32
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	20	2.31	0.12	2.28
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	20	2.31	0.12	2.28
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	20	2.31	0.09	2.3
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	20	2.31	0.09	2.3
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	20	2.31	0.09	2.3
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	20	2.31	0.1	2.31
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	20	2.31	0.1	2.31
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	20	2.31	0.1	2.31
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	20	2.3	0.16	2.32
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	20	2.3	0.16	2.32

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	20	2.3	0.16	2.32
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	20	2.3	0.01	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	20	2.3	0.01	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	20	2.3	0.01	2.3
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	20	2.3	0.12	2.31
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	20	2.3	0.17	2.36
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	20	2.3	0.17	2.36
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	20	2.3	0.17	2.36
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	20	2.3	0.17	2.36
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	20	2.3	0.17	2.36
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	20	2.3	0.17	2.36
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	20	2.29	0.09	2.3
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	20	2.29	0.09	2.3
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	20	2.29	0.09	2.3
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	20	2.29	0.09	2.3
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	20	2.29	0.09	2.3
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	20	2.29	0.09	2.3
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	20	2.29	0.18	2.3
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	20	2.29	0.18	2.3
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	20	2.29	0.18	2.3
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	20	2.29	0.18	2.3
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	20	2.29	0.18	2.3
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	20	2.29	0.18	2.3
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	20	2.29	0.18	2.3
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	20	2.29	0.18	2.3
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	20	2.29	0.18	2.3
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	20	2.29	0.28	2.27
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	20	2.29	0.28	2.27
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	20	2.29	0.28	2.27
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	20	2.29	0.28	2.27
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	20	2.29	0.28	2.27
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	20	2.29	0.28	2.27
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	20	2.29	0.28	2.27
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	20	2.29	0.28	2.27
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	20	2.29	0.28	2.27
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	20	2.29	0.1	2.29
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	20	2.29	0.1	2.29
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	20	2.29	0.1	2.29
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	20	2.28	0.11	2.31
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	20	2.28	0.11	2.31
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	20	2.28	0.11	2.31
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	20	2.28	0.11	2.31

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	20	2.28	0.11	2.31
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	20	2.28	0.11	2.31
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	20	2.28	0.17	2.31
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	20	2.28	0.17	2.31
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	20	2.28	0.17	2.31
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	20	2.28	0.17	2.31
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	20	2.28	0.17	2.31
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	20	2.28	0.17	2.31
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	20	2.28	0.07	2.28
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	20	2.28	0.07	2.28
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	20	2.28	0.07	2.28
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	20	2.28	0.29	2.33
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	20	2.28	0.29	2.33
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	20	2.28	0.51	2.41
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	20	2.28	0.51	2.41
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	20	2.28	0.51	2.41
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	20	2.28	0.51	2.41
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	20	2.28	0.51	2.41
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	20	2.28	0.51	2.41
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	20	2.28	0.13	2.26
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	20	2.28	0.13	2.26
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	20	2.28	0.13	2.26
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	20	2.28	0.13	2.26
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	20	2.28	0.13	2.26
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	20	2.28	0.13	2.26
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	20	2.27	0.14	2.29
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	20	2.27	0.07	2.26
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	20	2.27	0.07	2.26
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	20	2.27	0.07	2.26
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	20	2.27	0.08	2.27
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	20	2.27	0.08	2.27
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	20	2.27	0.08	2.27
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	20	2.27	0.08	2.27
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	20	2.27	0.08	2.27
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	20	2.27	0.08	2.27
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	20	2.27	0.12	2.27
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	20	2.27	0.12	2.27
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	20	2.27	0.12	2.27
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	20	2.27	0.08	2.26
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	20	2.27	0.08	2.26
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	20	2.27	0.08	2.26
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	20	2.27	0.08	2.26

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	20	2.27	0.08	2.26
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	20	2.27	0.08	2.26
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	20	2.27	0.14	2.26
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	20	2.27	0.14	2.26
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	20	2.27	0.14	2.26
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	20	2.27	0.14	2.26
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	20	2.27	0.14	2.26
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	20	2.27	0.14	2.26
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	20	2.27	0.14	2.26
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	20	2.27	0.14	2.26
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	20	2.27	0.14	2.26
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	20	2.27	0.29	2.17
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	20	2.27	0.29	2.17
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	20	2.27	0.29	2.17
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	20	2.27	0.27	2.32
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	20	2.27	0.27	2.32
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	20	2.27	0.27	2.32
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	20	2.26	0.04	2.26
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	20	2.26	0.04	2.26
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	20	2.26	0.04	2.26
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	20	2.26	0.22	2.29
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	20	2.26	0.22	2.29
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	20	2.26	0.04	2.26
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	20	2.25	0.2	2.34
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	20	2.25	0.04	2.24
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	20	2.25	0.04	2.24
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	20	2.25	0.04	2.24
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	20	2.24	0.07	2.25
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	20	2.24	0.07	2.25
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	20	2.24	0.07	2.25
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	20	2.24	0.07	2.25
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	20	2.24	0.07	2.25
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	20	2.24	0.07	2.25
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	20	2.24	0.08	2.24
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	20	2.24	0.08	2.24
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	20	2.24	0.08	2.24
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	20	2.24	0.08	2.24
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	20	2.24	0.08	2.24
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	20	2.24	0.08	2.24
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	20	2.24	0.09	2.22
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	20	2.24	0.09	2.22
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	20	2.24	0.09	2.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	20	2.24	0.83	2.64
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	20	2.24	0.06	2.26
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	20	2.24	0.06	2.26
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	20	2.24	0.06	2.26
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	20	2.24	0.08	2.25
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	20	2.24	0.08	2.25
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	20	2.24	0.08	2.25
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	20	2.24	0.14	2.27
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	20	2.24	0.14	2.27
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	20	2.24	1.18	2.19
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	20	2.24	1.18	2.19
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	20	2.24	1.18	2.19
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	20	2.24	0.04	2.24
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	20	2.24	0.04	2.24
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	20	2.24	0.04	2.24
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	20	2.24	0.23	2.28
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	20	2.24	0.23	2.28
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	20	2.24	0.23	2.28
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	20	2.24	0.23	2.28
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	20	2.24	0.23	2.28
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	20	2.24	0.23	2.28
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	20	2.23	0.06	2.23
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	20	2.23	0.61	2.51
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	20	2.23	0.61	2.51
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	20	2.23	0.09	2.2
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	20	2.23	0.09	2.2
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	20	2.22	0.12	2.23
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	20	2.22	0.12	2.23
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	20	2.22	0.12	2.23
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	20	2.22	0.12	2.23
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	20	2.22	0.12	2.23
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	20	2.22	0.12	2.23
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	20	2.22	0.13	2.24
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	20	2.22	0.13	2.24
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	20	2.22	0.13	2.24
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	20	2.22	0.13	2.24
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	20	2.22	0.13	2.24
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	20	2.22	0.13	2.24
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	20	2.22	0.13	2.22
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	20	2.22	0.13	2.22
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	20	2.22	0.08	2.22
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	20	2.22	0.11	2.23

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	20	2.22	0.11	2.23
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	20	2.22	0.11	2.23
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	20	2.22	0.11	2.23
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	20	2.22	0.11	2.23
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	20	2.22	0.11	2.23
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	20	2.22	0.11	2.23
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	20	2.22	0.11	2.23
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	20	2.22	0.11	2.23
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	20	2.21	0.48	2.21
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	20	2.21	0.48	2.21
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	20	2.21	0.48	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	20	2.21	0.01	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	20	2.21	0.01	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	20	2.21	0.01	2.21
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	20	2.21	0.21	2.17
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	20	2.21	0.21	2.17
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	20	2.21	0.13	2.17
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	20	2.21	0.13	2.17
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	20	2.21	0.13	2.17
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	20	2.21	0.24	2.23
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	20	2.21	0.24	2.23
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	20	2.21	0.24	2.23
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	20	2.21	0.24	2.23
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	20	2.21	0.24	2.23
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	20	2.21	0.24	2.23
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	20	2.21	0.24	2.23
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	20	2.21	0.24	2.23
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	20	2.21	0.24	2.23
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	20	2.21	0.08	2.2
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	20	2.21	0.08	2.2
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	20	2.2	0.13	2.19
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	20	2.2	0.13	2.19
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	20	2.2	0.13	2.19
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	20	2.2	0.11	2.2
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	20	2.2	0.11	2.2
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	20	2.2	0.11	2.2
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	20	2.2	0.11	2.2
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	20	2.2	0.19	2.2
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	20	2.2	0.16	2.27
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	20	2.2	0.16	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	20	2.2	0.16	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	20	2.2	0.16	2.27

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	20	2.2	0.12	2.2
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	20	2.2	0.12	2.2
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	20	2.2	0.12	2.2
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	20	2.2	0.12	2.2
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	20	2.2	0.12	2.2
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	20	2.2	0.12	2.2
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	20	2.2	0.18	2.2
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	20	2.2	0.18	2.2
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	20	2.2	0.18	2.2
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	20	2.2	0.18	2.2
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	20	2.2	0.18	2.2
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	20	2.2	0.18	2.2
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	20	2.2	0.26	2.24
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	20	2.2	0.26	2.24
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	20	2.19	0.21	2.2
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	20	2.19	0.21	2.2
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	20	2.19	0.21	2.2
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	20	2.19	0.31	2.24
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	20	2.19	0.31	2.24
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	20	2.19	0.31	2.24
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	20	2.18	0.12	2.17
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	20	2.18	0.12	2.17
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	20	2.18	0.12	2.17
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	20	2.18	0.12	2.17
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	20	2.18	0.12	2.17
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	20	2.18	0.12	2.17
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	20	2.18	0.12	2.17
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	20	2.18	0.12	2.17
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	20	2.18	0.12	2.17
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	20	2.18	0.3	2.17
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	20	2.18	0.3	2.17
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	20	2.18	0.3	2.17
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	20	2.18	0.09	2.18
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	20	2.18	0.09	2.18
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	20	2.18	0.09	2.18
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	20	2.18	0.08	2.21
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	20	2.18	0.08	2.21
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	20	2.18	0.08	2.21
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	20	2.18	0.08	2.21
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	20	2.18	0.08	2.21
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	20	2.18	0.08	2.21
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	20	2.18	0.27	2.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	20	2.18	0.27	2.22
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	20	2.18	0.27	2.22
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	20	2.18	0.27	2.22
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	20	2.18	0.27	2.22
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	20	2.18	0.27	2.22
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	20	2.18	0.25	2.21
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	20	2.18	0.25	2.21
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	20	2.18	0.25	2.21
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	20	2.18	0.29	2.16
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	20	2.18	0.29	2.16
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	20	2.18	0.29	2.16
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	20	2.18	0.17	2.13
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	20	2.18	0.17	2.13
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	20	2.18	0.17	2.13
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	20	2.17	0.3	2.08
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	20	2.17	0.3	2.08
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	20	2.17	0.3	2.08
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	20	2.17	0.11	2.14
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	20	2.16	0.09	2.17
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	20	2.16	0.09	2.17
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	20	2.16	0.09	2.17
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	20	2.16	0.09	2.17
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	20	2.16	0.09	2.17
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	20	2.16	0.09	2.17
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	20	2.16	0.11	2.19
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	20	2.16	0.11	2.19
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	20	2.16	0.74	2.18
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	20	2.16	0.74	2.18
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	20	2.16	0.74	2.18
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	20	2.16	0.1	2.17
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	20	2.16	0.1	2.17
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	20	2.16	0.1	2.17
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	20	2.16	0.13	2.16
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	20	2.16	0.13	2.16
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	20	2.16	0.1	2.2
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	20	2.16	0.1	2.2
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	20	2.16	0.1	2.2
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	20	2.16	0.1	2.2
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	20	2.16	0.03	2.16
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	20	2.16	0.03	2.16
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	20	2.16	0.03	2.16
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	20	2.16	0.05	2.16

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	20	2.16	0.05	2.16
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	20	2.16	0.05	2.16
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	20	2.16	0.05	2.16
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	20	2.16	0.05	2.16
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	20	2.16	0.05	2.16
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	20	2.16	0.12	2.12
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	20	2.16	0.12	2.12
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	20	2.16	0.12	2.12
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	20	2.16	0.12	2.12
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	20	2.16	0.12	2.12
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	20	2.16	0.12	2.12
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	20	2.15	0.01	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	20	2.15	0.01	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	20	2.15	0.01	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	20	2.15	0.01	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	20	2.15	0.01	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	20	2.15	0.01	2.15
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	20	2.15	0.29	2.2
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	20	2.15	0.29	2.2
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	20	2.15	0.05	2.14
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	20	2.15	0.05	2.14
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	20	2.15	0.05	2.14
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	20	2.15	0.05	2.14
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	20	2.15	0.05	2.14
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	20	2.15	0.05	2.14
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	20	2.15	0.05	2.14
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	20	2.15	0.05	2.14
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	20	2.15	0.05	2.14
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	20	2.15	0.04	2.16
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	20	2.15	0.04	2.16
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	20	2.14	0.22	2.17
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	20	2.14	0.22	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	20	2.14	0.05	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	20	2.14	0.05	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	20	2.14	0.05	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	20	2.14	0.05	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	20	2.14	0.05	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	20	2.14	0.05	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	20	2.14	0.05	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	20	2.14	0.05	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	20	2.14	0.05	2.16
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	20	2.14	0.25	2.1

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	20	2.14	0.25	2.1
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	20	2.14	0.25	2.1
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	20	2.14	0.25	2.1
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	20	2.14	0.25	2.1
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	20	2.14	0.25	2.1
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	20	2.14	0.12	2.15
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	20	2.14	0.12	2.15
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	20	2.14	0.12	2.15
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	20	2.14	0.55	2.36
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	20	2.14	0.55	2.36
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	20	2.14	0.55	2.36
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	20	2.13	0.1	2.12
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	20	2.13	0.1	2.12
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	20	2.13	0.1	2.12
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	20	2.13	0.11	2.13
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	20	2.13	0.11	2.13
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	20	2.13	0.05	2.13
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	20	2.13	0.05	2.13
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	20	2.13	0.05	2.13
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	20	2.13	0.05	2.13
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	20	2.13	0.05	2.13
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	20	2.13	0.05	2.13
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	20	2.12	0.13	2.1
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	20	2.12	0.11	2.12
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	20	2.12	0.11	2.12
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	20	2.12	0.11	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	20	2.12	0.01	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	20	2.12	0.01	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	20	2.12	0.01	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	20	2.12	0.03	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	20	2.12	0.03	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	20	2.12	0.03	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	20	2.12	0.03	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	20	2.12	0.03	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	20	2.12	0.03	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	20	2.12	0.03	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	20	2.12	0.03	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	20	2.12	0.03	2.12
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	20	2.11	0.17	2.13
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	20	2.11	0.17	2.13
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	20	2.11	0.17	2.13
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	20	2.11	0.11	2.08

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	20	2.11	0.11	2.08
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	20	2.11	0.11	2.08
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	20	2.11	0.22	2.15
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	20	2.11	0.22	2.15
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	20	2.11	0.08	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	20	2.11	0.08	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	20	2.11	0.08	2.1
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	20	2.11	0.03	2.11
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	20	2.11	0.03	2.11
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	20	2.11	0.03	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	20	2.11	0.03	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	20	2.11	0.03	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	20	2.11	0.03	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	20	2.11	0.03	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	20	2.11	0.03	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	20	2.11	0.03	2.11
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	20	2.11	0.08	2.09
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	20	2.11	0.08	2.09
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	20	2.11	0.08	2.09
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	20	2.11	0.08	2.09
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	20	2.11	0.08	2.09
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	20	2.11	0.08	2.09
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	20	2.11	0.08	2.1
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	20	2.11	0.08	2.1
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	20	2.11	0.08	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	20	2.11	0.08	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	20	2.11	0.08	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	20	2.11	0.08	2.1
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	20	2.11	0.03	2.1
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	20	2.11	0.03	2.1
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	20	2.11	0.03	2.1
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	20	2.11	0.03	2.1
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	20	2.11	0.03	2.1
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	20	2.11	0.03	2.1
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	20	2.11	0.24	2.12
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	20	2.11	0.24	2.12
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	20	2.11	0.1	2.12
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	20	2.11	0.1	2.12
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	20	2.11	0.1	2.12
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	20	2.11	0.1	2.12
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	20	2.11	0.1	2.12
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	20	2.11	0.1	2.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	20	2.1	0.13	2.08
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	20	2.1	0.13	2.08
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	20	2.1	0.13	2.08
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	20	2.1	0.47	2.02
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	20	2.1	0.47	2.02
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	20	2.1	0.45	2.35
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	20	2.09	0.07	2.09
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	20	2.09	0.07	2.09
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	20	2.09	0.07	2.09
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	20	2.09	0.07	2.09
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	20	2.09	0.07	2.09
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	20	2.09	0.07	2.09
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	20	2.09	0.27	2.14
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	20	2.09	0.27	2.14
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	20	2.09	0.04	2.08
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	20	2.09	0.04	2.08
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	20	2.09	0.04	2.08
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	20	2.08	0.04	2.09
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	20	2.08	0.04	2.09
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	20	2.08	0.04	2.09
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	20	2.08	0.11	2.08
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	20	2.08	0.11	2.08
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	20	2.08	0.11	2.08
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	20	2.08	0.11	2.08
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	20	2.08	0.11	2.08
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	20	2.08	0.11	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	20	2.08	0.04	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	20	2.08	0.04	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	20	2.08	0.04	2.08
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	20	2.08	0.15	2.09
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	20	2.08	0.15	2.09
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	20	2.08	0.15	2.09
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	20	2.08	0.13	2.08
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	20	2.08	0.13	2.08
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	20	2.08	0.22	2.12
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	20	2.08	0.22	2.12
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	20	2.08	0.22	2.12
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	20	2.07	0.17	2.09
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	20	2.07	0.17	2.09
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	20	2.07	0.15	2.08
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	20	2.07	0.15	2.08
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	20	2.07	0.15	2.08

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	20	2.07	0.12	2.08
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	20	2.07	0.12	2.08
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	20	2.07	0.11	2.08
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	20	2.07	0.11	2.08
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	20	2.07	0.11	2.08
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	20	2.07	0.11	2.08
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	20	2.07	0.11	2.08
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	20	2.07	0.11	2.08
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	20	2.07	0.11	2.08
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	20	2.07	0.11	2.08
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	20	2.07	0.11	2.08
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	20	2.07	0.08	2.1
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	20	2.07	0.08	2.1
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	20	2.07	0.08	2.1
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	20	2.07	0.11	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	20	2.07	0.06	2.08
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	20	2.07	0.06	2.08
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	20	2.07	0.06	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	20	2.07	0.02	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	20	2.07	0.02	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	20	2.07	0.02	2.07
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	20	2.06	0.11	2.06
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	20	2.06	0.11	2.06
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	20	2.06	0.11	2.06
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	20	2.06	0.13	2.06
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	20	2.06	0.36	2.22
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	20	2.06	0.36	2.22
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	20	2.06	0.36	2.22
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	20	2.06	0.36	2.22
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	20	2.06	0.36	2.22
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	20	2.06	0.36	2.22
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	20	2.06	0.36	2.22
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	20	2.06	0.36	2.22
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	20	2.06	0.36	2.22
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	20	2.06	0.1	2.08
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	20	2.06	0.1	2.08
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	20	2.06	0.1	2.08
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	20	2.06	0.19	2.07
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	20	2.06	0.19	2.07
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	20	2.06	0.05	2.05
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	20	2.06	0.05	2.05
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	20	2.06	0.05	2.05

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	20	2.06	0.2	2.08
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	20	2.06	0.2	2.08
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	20	2.06	0.2	2.08
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	20	2.06	0.15	2.03
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	20	2.06	0.15	2.03
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	20	2.06	0.15	2.03
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	20	2.05	0.14	2.05
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	20	2.05	0.14	2.05
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	20	2.05	0.14	2.05
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	20	2.05	0.22	2.12
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	20	2.05	0.22	2.12
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	20	2.05	0.03	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	20	2.05	0.03	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	20	2.05	0.03	2.05
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	20	2.05	0.18	2.04
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	20	2.05	0.18	2.04
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	20	2.05	0.18	2.04
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	20	2.05	0.13	2.05
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	20	2.05	0.13	2.05
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	20	2.05	0.12	2.06
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	20	2.05	0.12	2.06
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	20	2.05	0.12	2.06
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	20	2.05	0.12	2.06
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	20	2.05	0.12	2.06
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	20	2.05	0.12	2.06
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	20	2.05	0.07	2.05
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	20	2.05	0.07	2.05
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	20	2.05	0.07	2.05
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	20	2.05	0.07	2.05
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	20	2.05	0.07	2.05
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	20	2.05	0.07	2.05
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	20	2.05	0.07	2.05
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	20	2.05	0.07	2.05
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	20	2.05	0.07	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	20	2.05	0.01	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	20	2.05	0.01	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	20	2.05	0.01	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	20	2.05	0.01	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	20	2.05	0.01	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	20	2.05	0.01	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	20	2.05	0.01	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	20	2.05	0.01	2.05

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	20	2.05	0.01	2.05
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	20	2.04	0.2	2.01
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	20	2.04	0.2	2.01
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	20	2.04	0.2	2.01
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	20	2.04	0.06	2.03
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	20	2.04	0.06	2.03
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	20	2.04	0.06	2.03
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	20	2.04	0.06	2.03
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	20	2.04	0.06	2.03
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	20	2.04	0.06	2.03
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	20	2.04	0.06	2.03
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	20	2.04	0.06	2.03
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	20	2.04	0.06	2.03
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	20	2.04	0.08	2.01
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	20	2.04	0.08	2.01
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	20	2.04	0.08	2.01
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	20	2.04	0.17	2.04
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	20	2.04	0.17	2.04
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	20	2.04	0.17	2.04
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	20	2.03	0.82	2.34
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	20	2.03	0.82	2.34
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	20	2.03	0.82	2.34
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	20	2.03	0.82	2.34
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	20	2.03	0.4	1.96
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	20	2.03	0.4	1.96
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	20	2.03	0.4	1.96
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	20	2.03	0.01	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	20	2.03	0.01	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	20	2.03	0.01	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	20	2.03	0.01	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	20	2.03	0.01	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	20	2.03	0.01	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	20	2.03	0.01	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	20	2.03	0.01	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	20	2.03	0.01	2.03
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	20	2.03	0.07	2.01
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	20	2.03	0.07	2.01
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	20	2.03	0.07	2.01
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	20	2.03	0.07	2.01
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	20	2.03	0.07	2.01
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	20	2.03	0.07	2.01
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	20	2.03	0.03	2.02

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	20	2.03	0.03	2.02
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	20	2.02	0.15	2.04
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	20	2.02	0.15	2.04
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	20	2.02	0.15	2.04
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	20	2.02	0.13	2.06
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	20	2.02	0.13	2.06
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	20	2.02	0.13	2.06
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	20	2.02	0.13	2.06
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	20	2.02	0.13	2.06
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	20	2.02	0.13	2.06
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	20	2.02	0.01	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	20	2.02	0.01	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	20	2.02	0.01	2.02
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	20	2.02	0.11	2.04
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	20	2.02	0.11	2.04
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	20	2.02	0.11	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	20	2.02	0.03	2.03
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	20	2.02	0.03	2.03
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	20	2.02	0.17	2.02
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	20	2.02	0.17	2.02
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	20	2.02	0.17	2.02
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	20	2.02	0.17	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	20	2.02	0.03	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	20	2.02	0.03	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	20	2.02	0.03	2.02
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	20	2.02	0.12	2.03
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	20	2.02	0.12	2.03
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	20	2.02	0.12	2.03
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	20	2.02	0.12	2.03
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	20	2.02	0.12	2.03
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	20	2.02	0.12	2.03
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	20	2.02	0.03	2.01
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	20	2.02	0.03	2.01
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	20	2.02	0.03	2.01
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	20	2.01	0.05	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	20	2.01	0.05	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	20	2.01	0.05	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	20	2.01	0.05	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	20	2.01	0.05	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	20	2.01	0.05	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	20	2.01	0.05	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	20	2.01	0.05	1.99

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	20	2.01	0.05	1.99
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	20	2.01	0.02	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	20	2.01	0.02	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	20	2.01	0.02	2.01
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	20	2.01	0.06	2.0
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	20	2.01	0.06	2.0
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	20	2.01	0.06	2.0
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	20	2.01	0.07	2.01
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	20	2.01	0.07	2.01
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	20	2.01	0.07	2.01
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	20	2.01	0.04	2.01
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	20	2.01	0.04	2.01
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	20	2.01	0.04	2.01
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	20	2.01	0.04	2.01
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	20	2.01	0.04	2.01
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	20	2.01	0.04	2.01
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	20	2.01	0.09	2.03
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	20	2.01	0.09	2.03
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	20	2.01	0.09	2.03
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	20	2.01	0.2	1.94
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	20	2.01	0.2	1.94
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	20	2.01	0.2	1.94
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	20	2.01	0.02	2.01
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	20	2.01	0.02	2.01
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	20	2.01	0.02	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	20	2.01	0.02	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	20	2.01	0.02	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	20	2.01	0.02	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	20	2.01	0.02	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	20	2.01	0.02	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	20	2.01	0.02	2.01
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	20	2.01	0.36	1.98
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	20	2.01	0.36	1.98
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	20	2.01	0.36	1.98
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	20	2.01	0.01	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	20	2.01	0.01	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	20	2.01	0.01	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	20	2.01	0.01	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	20	2.01	0.01	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	20	2.01	0.01	2.01
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	20	2.0	0.14	2.0
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	20	2.0	0.14	2.0

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	20	2.0	0.11	1.96
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	20	2.0	0.11	1.96
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	20	2.0	0.11	1.96
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	20	2.0	0.11	1.96
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	20	2.0	0.11	1.96
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	20	2.0	0.11	1.96
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	20	2.0	0.11	1.96
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	20	2.0	0.11	1.96
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	20	2.0	0.11	1.96
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	20	2.0	0.13	1.98
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	20	2.0	0.13	1.98
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	20	2.0	0.13	1.98
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	20	2.0	0.05	2.01
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	20	2.0	0.05	2.01
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	20	2.0	0.05	2.01
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	20	2.0	0.41	1.97
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	20	2.0	0.46	1.83
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	20	2.0	0.46	1.83
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	20	2.0	0.46	1.83
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	20	2.0	0.18	1.94
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	20	2.0	0.07	2.0
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	20	2.0	0.07	2.0
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	20	2.0	0.07	2.0
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	20	1.99	0.2	1.93
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	20	1.99	0.14	2.04
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	20	1.99	0.14	1.99
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	20	1.99	0.14	1.99
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	20	1.99	0.14	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	20	1.99	0.05	2.0
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	20	1.99	0.05	2.0
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	20	1.99	0.05	2.0
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	20	1.99	0.77	2.48
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	20	1.99	0.77	2.48
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	20	1.99	0.77	2.48
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	20	1.99	0.1	2.0
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	20	1.99	0.1	2.0
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	20	1.99	0.1	2.0
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	20	1.99	0.1	2.0
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	20	1.99	0.33	2.09
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	20	1.99	0.33	2.09
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	20	1.99	0.33	2.09
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	20	1.99	0.33	2.09

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	20	1.99	0.33	2.09
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	20	1.99	0.33	2.09
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	20	1.98	0.12	2.0
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	20	1.98	0.12	2.0
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	20	1.98	0.12	2.0
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	20	1.98	0.08	1.97
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	20	1.98	0.08	1.97
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	20	1.98	0.08	1.97
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	20	1.98	0.09	1.99
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	20	1.98	0.09	1.99
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	20	1.98	0.09	1.99
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	20	1.98	0.11	2.0
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	20	1.98	0.11	2.0
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	20	1.98	0.39	1.94
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	20	1.98	0.39	1.94
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	20	1.98	0.39	1.94
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	20	1.98	0.39	1.94
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	20	1.98	0.39	1.94
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	20	1.98	0.39	1.94
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	20	1.98	0.33	1.96
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	20	1.98	0.33	1.96
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	20	1.98	0.01	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	20	1.98	0.01	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	20	1.98	0.01	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	20	1.98	0.01	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	20	1.98	0.01	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	20	1.98	0.01	1.98
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	20	1.98	0.13	1.96
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	20	1.98	0.13	1.96
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	20	1.98	0.13	1.96
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	20	1.98	0.28	2.0
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	20	1.98	0.28	2.0
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	20	1.98	0.28	2.0
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	20	1.97	0.08	1.98
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	20	1.97	0.1	1.98
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	20	1.97	0.1	1.98
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	20	1.97	0.1	1.98
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	20	1.97	0.1	1.98
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	20	1.97	0.1	1.98
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	20	1.97	0.1	1.98
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	20	1.97	0.12	1.95
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	20	1.97	0.12	1.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	20	1.97	0.12	1.95
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	20	1.97	0.07	1.96
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	20	1.97	0.07	1.96
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	20	1.97	0.07	1.96
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	20	1.97	0.07	1.96
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	20	1.97	0.07	1.96
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	20	1.97	0.07	1.96
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	20	1.97	0.07	1.96
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	20	1.97	0.07	1.96
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	20	1.97	0.07	1.96
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	20	1.97	0.16	1.99
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	20	1.97	0.16	1.99
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	20	1.97	0.16	1.99
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	20	1.97	0.2	1.98
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	20	1.97	0.2	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	20	1.97	0.02	1.96
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	20	1.97	0.02	1.96
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	20	1.97	0.02	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	20	1.97	0.02	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	20	1.97	0.02	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	20	1.97	0.02	1.96
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	20	1.97	0.02	1.96
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	20	1.97	0.02	1.96
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	20	1.97	0.02	1.96
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	20	1.96	0.1	1.95
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	20	1.96	0.1	1.95
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	20	1.96	0.1	1.95
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	20	1.96	0.26	1.99
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	20	1.96	0.26	1.99
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	20	1.96	0.71	1.6
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	20	1.96	0.71	1.6
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	20	1.96	0.71	1.6
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	20	1.96	0.53	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	20	1.96	0.53	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	20	1.96	0.53	2.17
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	20	1.96	0.04	1.94
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	20	1.96	0.04	1.94
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	20	1.96	0.13	1.94
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	20	1.96	0.13	1.94
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	20	1.96	0.13	1.94
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	20	1.96	0.13	1.94
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	20	1.96	0.24	1.99

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	20	1.96	0.11	1.96
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	20	1.96	0.11	1.96
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	20	1.96	0.11	1.96
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	20	1.96	0.21	1.96
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	20	1.96	0.21	1.96
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	20	1.96	0.08	1.96
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	20	1.96	0.08	1.96
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	20	1.95	0.18	1.99
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	20	1.95	0.18	1.99
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	20	1.95	0.18	1.99
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	20	1.95	0.18	1.99
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	20	1.95	0.18	1.99
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	20	1.95	0.18	1.99
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	20	1.95	0.18	1.99
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	20	1.95	0.18	1.99
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	20	1.95	0.18	1.99
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	20	1.95	0.02	1.96
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	20	1.95	0.02	1.96
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	20	1.95	0.02	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	20	1.95	0.09	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	20	1.95	0.09	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	20	1.95	0.09	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	20	1.95	0.09	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	20	1.95	0.09	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	20	1.95	0.09	1.96
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	20	1.95	0.1	1.96
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	20	1.95	0.1	1.96
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	20	1.95	0.1	1.96
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	20	1.95	0.1	1.96
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	20	1.95	0.06	1.96
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	20	1.95	0.06	1.96
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	20	1.95	0.06	1.96
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	20	1.95	0.06	1.96
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	20	1.95	0.06	1.96
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	20	1.95	0.06	1.96
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	20	1.95	0.11	1.92
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	20	1.95	0.11	1.92
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	20	1.95	0.11	1.92
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	20	1.95	0.05	1.95
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	20	1.94	0.17	1.94
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	20	1.94	0.17	1.94
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	20	1.94	0.17	1.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	20	1.94	0.17	1.94
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	20	1.94	0.17	1.94
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	20	1.94	0.17	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	20	1.94	0.01	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	20	1.94	0.01	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	20	1.94	0.01	1.94
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	20	1.94	0.06	1.96
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	20	1.94	0.06	1.96
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	20	1.94	0.06	1.96
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	20	1.94	0.06	1.96
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	20	1.94	0.06	1.96
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	20	1.94	0.06	1.96
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	20	1.94	0.06	1.96
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	20	1.94	0.06	1.96
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	20	1.94	0.06	1.96
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	20	1.94	0.15	1.92
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	20	1.94	0.29	1.97
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	20	1.94	0.29	1.97
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	20	1.94	0.29	1.97
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	20	1.94	0.22	1.94
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	20	1.94	0.22	1.94
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	20	1.94	0.4	1.78
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	20	1.94	0.4	1.78
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	20	1.94	0.4	1.78
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	20	1.93	0.13	1.92
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	20	1.93	0.13	1.92
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	20	1.93	0.13	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	20	1.93	0.03	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	20	1.93	0.03	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	20	1.93	0.03	1.92
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	20	1.93	0.12	1.96
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	20	1.93	0.12	1.96
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	20	1.93	0.12	1.96
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	20	1.93	0.23	1.88
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	20	1.93	0.19	1.88
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	20	1.93	0.19	1.88
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	20	1.92	0.11	1.94
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	20	1.92	0.11	1.94
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	20	1.92	0.11	1.94
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	20	1.92	0.08	1.92
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	20	1.92	0.08	1.92
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	20	1.92	0.08	1.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	20	1.92	0.09	1.92
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	20	1.92	0.09	1.92
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	20	1.92	0.09	1.92
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	20	1.92	0.02	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	20	1.92	0.02	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	20	1.92	0.02	1.91
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	20	1.92	0.24	1.96
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	20	1.92	0.1	1.93
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	20	1.92	0.1	1.93
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	20	1.92	0.1	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	20	1.92	0.1	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	20	1.92	0.1	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	20	1.92	0.1	1.93
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	20	1.92	0.24	1.94
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	20	1.92	0.24	1.94
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	20	1.92	0.24	1.94
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	20	1.92	0.24	1.94
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	20	1.91	0.13	1.89
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	20	1.91	0.13	1.89
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	20	1.91	0.13	1.89
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	20	1.91	0.13	1.89
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	20	1.91	0.3	1.94
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	20	1.91	0.3	1.94
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	20	1.91	0.09	1.9
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	20	1.91	0.09	1.9
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	20	1.91	0.09	1.9
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	20	1.91	0.09	1.9
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	20	1.91	0.09	1.9
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	20	1.91	0.09	1.9
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	20	1.91	0.09	1.9
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	20	1.91	0.09	1.9
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	20	1.91	0.09	1.9
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	20	1.91	0.14	1.88
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	20	1.91	0.14	1.88
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	20	1.91	0.14	1.88
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	20	1.91	0.14	1.88
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	20	1.91	0.14	1.88
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	20	1.91	0.14	1.88
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	20	1.91	0.25	1.97
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	20	1.91	0.25	1.97
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	20	1.91	0.06	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	20	1.91	0.06	1.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	20	1.91	0.06	1.92
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	20	1.91	0.25	1.8
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	20	1.91	0.25	1.8
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	20	1.91	0.25	1.8
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	20	1.9	0.19	1.89
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	20	1.9	0.19	1.89
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	20	1.9	0.19	1.89
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	20	1.9	0.19	1.89
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	20	1.9	0.19	1.89
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	20	1.9	0.19	1.89
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	20	1.9	0.19	1.89
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	20	1.9	0.19	1.89
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	20	1.9	0.19	1.89
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	20	1.9	0.11	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	20	1.9	0.11	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	20	1.9	0.11	1.92
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	20	1.9	0.22	1.96
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	20	1.9	0.22	1.96
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	20	1.9	0.22	1.96
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	20	1.9	0.06	1.9
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	20	1.9	0.06	1.9
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	20	1.9	0.06	1.9
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	20	1.9	0.11	1.88
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	20	1.9	0.11	1.88
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	20	1.9	0.11	1.88
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	20	1.9	0.13	1.9
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	20	1.9	0.13	1.9
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	20	1.9	0.13	1.9
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	20	1.9	0.05	1.88
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	20	1.9	0.05	1.88
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	20	1.9	0.27	1.87
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	20	1.89	0.07	1.9
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	20	1.89	0.07	1.9
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	20	1.89	0.17	1.93
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	20	1.89	0.17	1.93
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	20	1.89	0.17	1.93
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	20	1.89	0.03	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	20	1.89	0.03	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	20	1.89	0.03	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	20	1.89	0.03	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	20	1.89	0.03	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	20	1.89	0.03	1.9

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	20	1.89	0.07	1.89
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	20	1.89	0.07	1.89
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	20	1.89	0.09	1.9
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	20	1.89	0.09	1.9
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	20	1.89	0.09	1.9
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	20	1.89	0.2	1.88
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	20	1.89	0.2	1.88
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	20	1.89	0.08	1.87
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	20	1.89	0.08	1.87
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	20	1.89	0.08	1.87
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	20	1.89	0.18	1.94
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	20	1.88	0.12	1.86
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	20	1.88	0.12	1.86
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	20	1.88	0.12	1.86
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	20	1.88	0.12	1.86
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	20	1.88	0.12	1.86
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	20	1.88	0.12	1.86
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	20	1.88	0.29	1.81
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	20	1.88	0.29	1.81
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	20	1.88	0.29	1.81
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	20	1.88	0.29	1.81
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	20	1.88	0.29	1.81
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	20	1.88	0.29	1.81
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	20	1.88	0.1	1.89
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	20	1.88	0.1	1.89
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	20	1.88	0.1	1.89
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	20	1.88	0.09	1.87
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	20	1.88	0.09	1.87
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	20	1.88	0.09	1.87
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	20	1.88	0.03	1.88
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	20	1.88	0.03	1.88
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	20	1.88	0.03	1.88
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	20	1.88	0.15	1.85
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	20	1.88	0.15	1.85
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	20	1.88	0.06	1.88
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	20	1.88	0.06	1.88
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	20	1.88	0.06	1.88
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	20	1.88	0.13	1.91
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	20	1.88	0.13	1.91
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	20	1.88	0.13	1.91
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	20	1.88	0.13	1.91
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	20	1.88	0.13	1.91

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	20	1.88	0.13	1.91
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	20	1.88	0.04	1.88
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	20	1.88	0.04	1.88
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	20	1.88	0.04	1.88
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	20	1.88	0.26	1.76
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	20	1.88	0.26	1.76
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	20	1.88	0.26	1.76
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	20	1.88	0.26	1.76
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	20	1.88	0.03	1.88
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	20	1.88	0.03	1.88
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	20	1.88	0.09	1.88
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	20	1.88	0.09	1.88
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	20	1.88	0.09	1.88
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	20	1.87	0.03	1.87
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	20	1.87	0.03	1.87
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	20	1.87	0.03	1.87
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	20	1.87	0.03	1.87
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	20	1.87	0.03	1.87
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	20	1.87	0.03	1.87
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	20	1.87	0.04	1.86
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	20	1.87	0.04	1.86
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	20	1.87	0.04	1.86
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	20	1.87	0.04	1.86
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	20	1.87	0.04	1.86
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	20	1.87	0.04	1.86
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	20	1.87	0.04	1.86
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	20	1.87	0.04	1.86
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	20	1.87	0.04	1.86
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	20	1.87	0.19	1.85
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	20	1.87	0.19	1.85
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	20	1.87	0.19	1.85
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	20	1.87	0.12	1.83
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	20	1.87	0.12	1.83
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	20	1.87	0.12	1.83
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	20	1.87	0.12	1.83
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	20	1.87	0.19	1.84
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	20	1.87	0.19	1.84
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	20	1.87	0.15	1.84
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	20	1.87	0.15	1.84
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	20	1.87	0.15	1.84
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	20	1.87	0.16	1.89
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	20	1.87	0.16	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	20	1.87	0.25	1.95
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	20	1.87	0.25	1.95
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	20	1.87	0.46	1.98
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	20	1.87	0.46	1.98
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	20	1.87	0.46	1.98
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	20	1.87	0.1	1.85
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	20	1.87	0.1	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	20	1.86	0.02	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	20	1.86	0.02	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	20	1.86	0.02	1.86
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	20	1.86	0.1	1.83
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	20	1.86	0.1	1.83
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	20	1.86	0.1	1.83
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	20	1.86	0.1	1.83
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	20	1.86	0.1	1.83
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	20	1.86	0.1	1.83
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	20	1.86	0.1	1.83
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	20	1.86	0.1	1.83
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	20	1.86	0.1	1.83
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	20	1.86	0.14	1.87
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	20	1.86	0.14	1.87
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	20	1.86	0.14	1.87
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	20	1.86	0.15	1.84
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	20	1.86	0.15	1.84
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	20	1.86	0.15	1.84
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	20	1.86	0.57	1.77
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	20	1.86	0.57	1.77
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	20	1.86	0.37	1.88
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	20	1.86	0.37	1.88
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	20	1.86	0.4	1.96
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	20	1.86	0.4	1.96
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	20	1.86	0.4	1.96
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	20	1.86	0.11	1.9
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	20	1.86	0.11	1.9
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	20	1.86	0.11	1.9
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	20	1.86	0.88	1.5
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	20	1.86	0.88	1.5
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	20	1.86	0.88	1.5
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	20	1.86	0.13	1.85
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	20	1.86	0.13	1.85
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	20	1.86	0.13	1.85
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	20	1.86	0.18	1.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	20	1.86	0.09	1.86
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	20	1.86	0.09	1.86
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	20	1.86	0.09	1.86
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	20	1.86	0.09	1.86
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	20	1.86	0.09	1.86
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	20	1.86	0.09	1.86
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	20	1.86	0.07	1.85
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	20	1.86	0.07	1.85
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	20	1.86	0.07	1.85
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	20	1.86	0.07	1.85
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	20	1.86	0.07	1.85
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	20	1.86	0.07	1.85
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	20	1.86	0.07	1.85
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	20	1.86	0.07	1.85
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	20	1.86	0.07	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	20	1.86	0.01	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	20	1.86	0.01	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	20	1.86	0.01	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	20	1.86	0.01	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	20	1.86	0.01	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	20	1.86	0.01	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	20	1.86	0.01	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	20	1.86	0.01	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	20	1.86	0.01	1.86
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	20	1.85	0.23	1.88
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	20	1.85	0.23	1.88
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	20	1.85	0.04	1.86
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	20	1.85	0.04	1.86
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	20	1.85	0.04	1.86
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	20	1.85	0.04	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	20	1.85	0.03	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	20	1.85	0.03	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	20	1.85	0.03	1.85
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	20	1.85	0.2	1.85
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	20	1.85	0.2	1.85
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	20	1.85	0.35	1.72
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	20	1.85	0.35	1.72
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	20	1.85	0.35	1.72
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	20	1.85	0.35	1.72
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	20	1.85	0.22	1.9
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	20	1.85	0.22	1.9
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	20	1.85	0.22	1.9

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	20	1.85	0.1	1.87
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	20	1.85	0.1	1.87
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	20	1.85	0.1	1.87
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	20	1.85	0.1	1.87
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	20	1.85	0.09	1.84
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	20	1.85	0.09	1.84
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	20	1.85	0.09	1.84
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	20	1.84	0.11	1.84
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	20	1.84	0.11	1.84
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	20	1.84	0.11	1.84
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	20	1.84	0.07	1.83
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	20	1.84	0.07	1.83
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	20	1.84	0.07	1.83
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	20	1.84	0.32	1.87
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	20	1.84	0.32	1.87
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	20	1.84	0.18	1.83
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	20	1.84	0.18	1.83
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	20	1.84	0.18	1.83
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	20	1.84	0.18	1.83
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	20	1.84	0.06	1.85
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	20	1.84	0.06	1.85
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	20	1.84	0.06	1.85
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	20	1.84	0.06	1.85
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	20	1.84	0.06	1.85
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	20	1.84	0.06	1.85
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	20	1.84	0.06	1.85
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	20	1.84	0.06	1.85
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	20	1.84	0.06	1.85
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	20	1.84	0.3	1.85
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	20	1.84	0.3	1.85
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	20	1.84	0.3	1.85
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	20	1.84	0.15	1.82
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	20	1.84	0.15	1.82
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	20	1.84	0.16	1.84
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	20	1.84	0.16	1.84
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	20	1.83	0.22	1.77
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	20	1.83	0.22	1.77
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	20	1.83	0.22	1.77
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	20	1.83	0.03	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	20	1.83	0.03	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	20	1.83	0.03	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	20	1.83	0.02	1.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	20	1.83	0.02	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	20	1.83	0.02	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	20	1.83	0.02	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	20	1.83	0.02	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	20	1.83	0.02	1.83
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	20	1.83	0.37	1.94
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	20	1.83	0.37	1.94
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	20	1.83	0.11	1.8
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	20	1.83	0.11	1.8
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	20	1.83	0.11	1.8
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	20	1.83	0.11	1.8
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	20	1.83	0.11	1.8
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	20	1.83	0.11	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	20	1.83	0.1	1.81
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	20	1.83	0.1	1.81
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	20	1.83	0.1	1.81
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	20	1.83	0.1	1.81
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	20	1.83	0.1	1.81
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	20	1.83	0.1	1.81
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	20	1.83	0.63	2.03
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	20	1.83	0.03	1.84
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	20	1.83	0.03	1.84
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	20	1.83	0.03	1.84
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	20	1.83	0.08	1.85
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	20	1.83	0.08	1.85
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	20	1.83	0.08	1.85
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	20	1.83	0.08	1.85
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	20	1.83	0.08	1.85
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	20	1.83	0.08	1.85
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	20	1.83	0.13	1.83
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	20	1.83	0.13	1.83
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	20	1.83	0.13	1.83
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	20	1.83	0.06	1.83
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	20	1.83	0.06	1.83
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	20	1.83	0.06	1.83
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	20	1.83	0.06	1.83
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	20	1.83	0.26	1.81
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	20	1.83	0.26	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	20	1.83	0.04	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	20	1.83	0.04	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	20	1.83	0.04	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	20	1.83	0.04	1.81

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	20	1.83	0.04	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	20	1.83	0.04	1.81
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	20	1.83	0.05	1.83
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	20	1.83	0.05	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	20	1.83	0.02	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	20	1.83	0.02	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	20	1.83	0.02	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	20	1.83	0.02	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	20	1.83	0.02	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	20	1.83	0.02	1.83
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	20	1.82	0.08	1.83
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	20	1.82	0.08	1.83
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	20	1.82	0.08	1.83
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	20	1.82	0.08	1.83
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	20	1.82	0.08	1.83
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	20	1.82	0.08	1.83
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	20	1.82	0.08	1.83
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	20	1.82	0.08	1.83
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	20	1.82	0.08	1.83
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	20	1.82	0.38	1.78
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	20	1.82	0.38	1.78
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	20	1.82	0.38	1.78
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	20	1.82	0.38	1.78
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	20	1.82	0.38	1.78
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	20	1.82	0.38	1.78
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	20	1.82	0.26	1.84
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	20	1.82	0.01	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	20	1.82	0.01	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	20	1.82	0.01	1.83
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	20	1.82	0.14	1.82
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	20	1.82	0.14	1.82
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	20	1.82	0.14	1.82
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	20	1.82	0.13	1.85
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	20	1.82	0.1	1.82
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	20	1.82	0.12	1.81
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	20	1.82	0.12	1.81
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	20	1.82	0.12	1.81
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	20	1.82	0.11	1.84
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	20	1.82	0.11	1.84
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	20	1.82	0.11	1.84
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	20	1.82	0.09	1.82
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	20	1.82	0.09	1.82

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	20	1.82	0.15	1.81
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	20	1.82	0.15	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	20	1.82	0.03	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	20	1.82	0.03	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	20	1.82	0.03	1.81
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	20	1.82	0.1	1.84
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	20	1.82	0.1	1.84
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	20	1.82	0.1	1.84
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	20	1.82	0.53	1.96
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	20	1.82	0.53	1.96
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	20	1.81	0.09	1.78
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	20	1.81	0.09	1.78
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	20	1.81	0.09	1.78
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	20	1.81	0.18	1.88
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	20	1.81	0.26	1.76
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	20	1.81	0.26	1.76
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	20	1.81	0.26	1.76
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	20	1.81	0.01	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	20	1.81	0.01	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	20	1.81	0.01	1.81
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	20	1.81	0.16	1.8
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	20	1.81	0.16	1.8
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	20	1.81	0.09	1.8
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	20	1.81	0.09	1.8
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	20	1.8	0.39	1.86
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	20	1.8	0.39	1.86
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	20	1.8	0.39	1.86
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	20	1.8	0.29	1.82
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	20	1.8	0.29	1.82
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	20	1.8	0.29	1.82
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	20	1.8	0.29	1.82
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	20	1.8	0.29	1.82
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	20	1.8	0.29	1.82
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	20	1.8	0.11	1.82
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	20	1.8	0.11	1.82
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	20	1.8	0.08	1.82
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	20	1.8	0.08	1.82
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	20	1.8	0.08	1.82
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	20	1.8	0.06	1.81
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	20	1.8	0.81	1.46
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	20	1.8	0.81	1.46
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	20	1.8	0.81	1.46

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	20	1.8	0.06	1.82
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	20	1.8	0.03	1.8
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	20	1.8	0.03	1.8
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	20	1.8	0.03	1.8
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	20	1.8	0.12	1.77
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	20	1.8	0.12	1.77
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	20	1.8	0.12	1.77
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	20	1.8	0.12	1.77
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	20	1.8	0.12	1.77
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	20	1.8	0.12	1.77
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	20	1.8	0.02	1.8
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	20	1.8	0.02	1.8
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	20	1.8	0.02	1.8
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	20	1.8	0.13	1.81
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	20	1.8	0.13	1.81
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	20	1.8	0.13	1.81
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	20	1.8	0.13	1.81
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	20	1.8	0.16	1.72
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	20	1.8	0.16	1.72
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	20	1.8	0.16	1.72
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	20	1.8	0.16	1.72
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	20	1.8	0.16	1.72
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	20	1.8	0.16	1.72
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	20	1.8	0.2	1.84
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	20	1.8	0.2	1.84
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	20	1.8	0.2	1.84
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	20	1.8	0.19	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	20	1.8	0.19	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	20	1.8	0.19	1.76
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	20	1.8	0.12	1.76
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	20	1.8	0.12	1.76
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	20	1.8	0.12	1.76
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	20	1.8	0.09	1.81
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	20	1.8	0.09	1.81
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	20	1.8	0.31	1.98
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	20	1.8	0.31	1.98
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	20	1.79	0.36	1.86
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	20	1.79	0.36	1.86
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	20	1.79	0.18	1.8
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	20	1.79	0.18	1.8
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	20	1.79	0.17	1.8
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	20	1.79	0.02	1.79

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	20	1.79	0.02	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	20	1.79	0.02	1.79
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	20	1.79	0.12	1.8
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	20	1.79	0.12	1.8
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	20	1.79	0.12	1.8
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	20	1.79	0.11	1.76
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	20	1.79	0.11	1.76
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	20	1.79	0.04	1.8
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	20	1.79	0.04	1.8
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	20	1.79	0.04	1.8
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	20	1.79	0.42	1.95
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	20	1.79	0.42	1.95
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	20	1.79	0.13	1.77
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	20	1.79	0.13	1.77
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	20	1.79	0.13	1.77
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	20	1.79	0.13	1.77
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	20	1.79	0.13	1.77
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	20	1.79	0.13	1.77
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	20	1.79	0.03	1.8
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	20	1.79	0.03	1.8
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	20	1.79	0.18	1.7
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	20	1.79	0.18	1.7
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	20	1.79	0.18	1.7
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	20	1.79	0.18	1.7
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	20	1.79	0.18	1.7
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	20	1.79	0.18	1.7
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	20	1.79	0.18	1.7
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	20	1.79	0.18	1.7
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	20	1.79	0.18	1.7
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	20	1.79	0.43	1.95
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	20	1.79	0.43	1.95
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	20	1.79	0.1	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	20	1.79	0.1	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	20	1.79	0.1	1.77
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	20	1.78	0.63	2.09
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	20	1.78	0.63	2.09
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	20	1.78	0.14	1.76
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	20	1.78	0.14	1.76
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	20	1.78	0.14	1.76
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	20	1.78	0.14	1.76
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	20	1.78	0.17	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	20	1.78	0.17	1.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	20	1.78	0.17	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	20	1.78	0.17	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	20	1.78	0.17	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	20	1.78	0.17	1.83
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	20	1.78	0.15	1.76
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	20	1.78	0.15	1.76
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	20	1.78	0.14	1.8
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	20	1.78	0.14	1.8
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	20	1.78	0.14	1.8
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	20	1.78	0.02	1.78
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	20	1.78	0.02	1.78
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	20	1.78	0.02	1.78
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	20	1.78	0.25	1.76
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	20	1.78	0.25	1.76
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	20	1.78	0.25	1.76
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	20	1.78	0.1	1.78
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	20	1.78	0.1	1.78
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	20	1.78	0.1	1.78
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	20	1.78	0.13	1.76
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	20	1.78	0.13	1.76
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	20	1.78	0.13	1.76
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	20	1.78	0.43	1.9
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	20	1.78	0.43	1.9
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	20	1.78	0.13	1.81
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	20	1.78	0.13	1.81
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	20	1.78	0.26	1.76
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	20	1.77	0.08	1.77
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	20	1.77	0.31	1.78
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	20	1.77	0.31	1.78
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	20	1.77	0.75	1.76
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	20	1.77	0.75	1.76
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	20	1.77	0.54	1.95
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	20	1.77	0.54	1.95
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	20	1.77	0.06	1.78
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	20	1.77	0.06	1.78
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	20	1.77	0.06	1.78
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	20	1.77	0.1	1.78
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	20	1.77	0.1	1.78
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	20	1.77	0.1	1.78
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	20	1.77	0.1	1.78
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	20	1.77	0.1	1.78
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	20	1.77	0.1	1.78

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	20	1.77	0.27	1.87
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	20	1.77	0.12	1.78
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	20	1.77	0.12	1.78
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	20	1.77	0.12	1.78
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	20	1.77	0.03	1.76
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	20	1.77	0.03	1.76
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	20	1.77	0.21	1.74
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	20	1.77	0.21	1.74
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	20	1.77	0.28	1.85
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	20	1.77	0.28	1.85
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	20	1.77	0.28	1.85
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	20	1.77	0.28	1.85
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	20	1.77	0.28	1.85
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	20	1.77	0.28	1.85
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	20	1.77	0.13	1.8
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	20	1.77	0.1	1.75
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	20	1.77	0.1	1.75
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	20	1.77	0.1	1.75
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	20	1.76	0.11	1.75
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	20	1.76	0.11	1.75
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	20	1.76	0.11	1.75
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	20	1.76	0.11	1.75
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	20	1.76	0.11	1.75
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	20	1.76	0.11	1.75
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	20	1.76	0.11	1.75
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	20	1.76	0.11	1.75
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	20	1.76	0.11	1.75
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	20	1.76	0.1	1.79
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	20	1.76	0.1	1.79
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	20	1.76	0.1	1.79
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	20	1.76	0.14	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	20	1.76	0.01	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	20	1.76	0.01	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	20	1.76	0.01	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	20	1.76	0.01	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	20	1.76	0.01	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	20	1.76	0.01	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	20	1.76	0.01	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	20	1.76	0.01	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	20	1.76	0.01	1.76
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	20	1.76	0.11	1.74
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	20	1.76	0.11	1.74

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	20	1.76	0.11	1.74
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	20	1.76	0.13	1.78
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	20	1.76	0.13	1.78
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	20	1.76	0.06	1.77
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	20	1.76	0.13	1.73
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	20	1.76	0.13	1.73
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	20	1.76	0.13	1.73
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	20	1.76	0.07	1.74
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	20	1.76	0.07	1.74
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	20	1.76	0.07	1.74
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	20	1.76	0.07	1.74
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	20	1.76	0.14	1.76
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	20	1.76	0.11	1.76
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	20	1.76	0.11	1.76
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	20	1.76	0.11	1.76
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	20	1.75	0.18	1.74
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	20	1.75	0.18	1.74
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	20	1.75	0.18	1.74
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	20	1.75	0.02	1.76
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	20	1.75	0.02	1.76
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	20	1.75	0.02	1.76
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	20	1.75	0.04	1.75
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	20	1.75	0.02	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	20	1.75	0.02	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	20	1.75	0.02	1.76
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	20	1.75	0.24	1.81
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	20	1.75	0.24	1.81
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	20	1.75	0.24	1.81
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	20	1.75	0.24	1.81
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	20	1.75	0.24	1.81
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	20	1.75	0.24	1.81
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	20	1.75	0.29	1.68
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	20	1.75	0.29	1.68
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	20	1.75	0.29	1.68
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	20	1.75	0.03	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	20	1.75	0.03	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	20	1.75	0.03	1.75
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	20	1.75	0.44	1.95
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	20	1.75	0.44	1.95
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	20	1.75	0.44	1.95
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	20	1.75	0.23	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	20	1.75	0.01	1.75

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	20	1.75	0.01	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	20	1.75	0.01	1.75
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	20	1.75	0.08	1.74
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	20	1.75	0.08	1.74
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	20	1.75	0.08	1.74
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	20	1.75	0.05	1.74
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	20	1.75	0.11	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	20	1.75	0.11	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	20	1.75	0.11	1.72
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	20	1.75	0.08	1.76
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	20	1.75	0.08	1.76
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	20	1.75	0.08	1.76
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	20	1.75	0.05	1.74
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	20	1.75	0.05	1.74
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	20	1.75	0.05	1.74
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	20	1.75	0.16	1.76
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	20	1.75	0.16	1.76
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	20	1.75	0.16	1.76
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	20	1.75	0.03	1.75
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	20	1.75	0.03	1.75
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	20	1.74	0.29	1.85
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	20	1.74	0.29	1.85
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	20	1.74	0.29	1.85
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	20	1.74	0.07	1.72
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	20	1.74	0.07	1.72
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	20	1.74	0.07	1.72
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	20	1.74	0.8	2.16
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	20	1.74	0.8	2.16
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	20	1.74	0.8	2.16
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	20	1.74	0.48	1.71
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	20	1.74	0.48	1.71
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	20	1.74	0.15	1.7
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	20	1.74	0.15	1.7
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	20	1.74	0.15	1.7
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	20	1.74	0.15	1.7
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	20	1.74	0.15	1.7
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	20	1.74	0.15	1.7
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	20	1.74	0.26	1.72
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	20	1.74	0.26	1.72
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	20	1.74	0.68	1.94
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	20	1.74	0.68	1.94
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	20	1.74	0.15	1.74

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	20	1.74	0.15	1.74
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	20	1.74	0.15	1.74
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	20	1.74	0.11	1.74
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	20	1.74	0.11	1.74
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	20	1.74	0.13	1.74
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	20	1.74	0.13	1.74
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	20	1.73	0.13	1.74
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	20	1.73	0.13	1.74
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	20	1.73	0.13	1.74
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	20	1.73	0.13	1.74
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	20	1.73	0.13	1.74
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	20	1.73	0.13	1.74
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	20	1.73	0.05	1.72
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	20	1.73	0.05	1.72
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	20	1.73	0.11	1.72
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	20	1.73	0.11	1.72
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	20	1.73	0.12	1.78
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	20	1.73	0.12	1.78
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	20	1.73	0.2	1.72
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	20	1.73	0.2	1.72
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	20	1.73	0.2	1.72
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	20	1.73	0.2	1.72
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	20	1.73	0.09	1.74
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	20	1.73	0.09	1.74
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	20	1.73	0.09	1.74
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	20	1.73	0.18	1.67
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	20	1.73	0.18	1.67
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	20	1.73	0.02	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	20	1.73	0.02	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	20	1.73	0.02	1.73
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	20	1.73	0.12	1.72
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	20	1.73	0.12	1.72
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	20	1.73	0.12	1.72
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	20	1.73	0.12	1.72
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	20	1.73	0.12	1.72
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	20	1.73	0.12	1.72
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	20	1.73	0.12	1.72
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	20	1.73	0.12	1.72
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	20	1.73	0.12	1.72
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	20	1.73	0.15	1.77
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	20	1.72	0.1	1.74
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	20	1.72	0.1	1.74

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	20	1.72	0.1	1.74
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	20	1.72	0.12	1.74
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	20	1.72	0.12	1.74
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	20	1.72	0.12	1.74
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	20	1.72	0.09	1.72
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	20	1.72	0.09	1.72
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	20	1.72	0.19	1.72
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	20	1.72	0.17	1.79
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	20	1.72	0.03	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	20	1.72	0.03	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	20	1.72	0.03	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	20	1.72	0.03	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	20	1.72	0.03	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	20	1.72	0.03	1.73
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	20	1.72	0.16	1.71
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	20	1.72	0.16	1.71
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	20	1.72	0.07	1.73
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	20	1.72	0.07	1.73
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	20	1.72	0.07	1.73
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	20	1.72	0.07	1.73
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	20	1.72	0.54	1.52
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	20	1.72	0.54	1.52
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	20	1.72	0.54	1.52
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	20	1.72	0.28	1.78
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	20	1.72	0.28	1.78
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	20	1.72	0.11	1.72
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	20	1.72	0.11	1.72
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	20	1.72	0.11	1.72
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	20	1.72	0.11	1.72
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	20	1.72	0.12	1.76
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	20	1.72	0.12	1.76
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	20	1.72	0.12	1.76
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	20	1.72	0.14	1.73
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	20	1.72	0.14	1.73
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	20	1.72	0.09	1.72
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	20	1.71	0.12	1.72
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	20	1.71	0.12	1.72
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	20	1.71	0.12	1.72
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	20	1.71	0.12	1.72
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	20	1.71	0.12	1.72
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	20	1.71	0.12	1.72
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	20	1.71	0.33	1.78

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	20	1.71	0.33	1.78
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	20	1.71	0.33	1.78
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	20	1.71	0.33	1.78
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	20	1.71	0.2	1.71
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	20	1.71	0.2	1.71
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	20	1.71	0.2	1.71
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	20	1.71	0.94	1.06
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	20	1.71	0.94	1.06
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	20	1.71	0.94	1.06
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	20	1.71	0.09	1.69
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	20	1.71	0.09	1.69
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	20	1.71	0.09	1.69
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	20	1.71	0.14	1.69
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	20	1.71	0.14	1.69
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	20	1.71	0.14	1.69
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	20	1.71	0.14	1.69
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	20	1.71	0.14	1.69
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	20	1.71	0.14	1.69
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	20	1.71	0.21	1.76
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	20	1.71	0.21	1.76
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	20	1.71	0.21	1.76
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	20	1.71	0.2	1.77
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	20	1.71	0.2	1.77
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	20	1.71	0.3	1.78
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	20	1.71	0.3	1.78
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	20	1.71	0.3	1.78
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	20	1.71	0.3	1.78
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	20	1.71	0.3	1.78
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	20	1.71	0.3	1.78
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	20	1.71	0.02	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	20	1.71	0.02	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	20	1.71	0.02	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	20	1.71	0.07	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	20	1.71	0.07	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	20	1.71	0.07	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	20	1.71	0.07	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	20	1.71	0.07	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	20	1.71	0.07	1.71
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	20	1.71	0.05	1.7
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	20	1.71	0.05	1.7
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	20	1.71	0.08	1.72
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	20	1.71	0.08	1.72

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	20	1.71	0.08	1.72
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	20	1.7	0.24	1.75
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	20	1.7	0.24	1.75
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	20	1.7	0.24	1.75
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	20	1.7	0.2	1.79
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	20	1.7	0.03	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	20	1.7	0.03	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	20	1.7	0.03	1.7
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	20	1.7	0.03	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	20	1.7	0.03	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	20	1.7	0.03	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	20	1.7	0.03	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	20	1.7	0.03	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	20	1.7	0.03	1.69
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	20	1.7	0.34	1.76
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	20	1.7	0.34	1.76
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	20	1.7	0.12	1.7
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	20	1.7	0.12	1.7
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	20	1.7	0.12	1.7
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	20	1.7	0.13	1.74
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	20	1.7	0.13	1.74
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	20	1.7	0.13	1.74
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	20	1.7	0.02	1.7
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	20	1.7	0.02	1.7
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	20	1.7	0.02	1.7
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	20	1.7	0.02	1.7
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	20	1.7	0.02	1.7
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	20	1.7	0.02	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	20	1.7	0.02	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	20	1.7	0.02	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	20	1.7	0.02	1.7
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	20	1.7	0.2	1.72
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	20	1.7	0.2	1.72
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	20	1.7	0.2	1.72
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	20	1.7	0.07	1.69
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	20	1.7	0.07	1.69
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	20	1.7	0.07	1.69
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	20	1.7	0.07	1.69
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	20	1.7	0.07	1.69
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	20	1.7	0.07	1.69
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	20	1.7	0.07	1.69
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	20	1.7	0.07	1.69

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	20	1.7	0.07	1.69
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	20	1.7	0.13	1.72
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	20	1.7	0.13	1.72
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	20	1.7	0.13	1.72
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	20	1.7	0.03	1.69
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	20	1.7	0.03	1.69
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	20	1.7	0.03	1.69
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	20	1.69	0.18	1.74
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	20	1.69	0.18	1.74
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	20	1.69	0.18	1.74
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	20	1.69	0.13	1.72
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	20	1.69	0.11	1.68
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	20	1.69	0.11	1.68
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	20	1.69	0.11	1.68
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	20	1.69	0.11	1.68
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	20	1.69	0.11	1.68
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	20	1.69	0.11	1.68
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	20	1.69	0.11	1.68
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	20	1.69	0.11	1.68
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	20	1.69	0.11	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	20	1.69	0.01	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	20	1.69	0.01	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	20	1.69	0.01	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	20	1.69	0.01	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	20	1.69	0.01	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	20	1.69	0.01	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	20	1.69	0.02	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	20	1.69	0.02	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	20	1.69	0.02	1.69
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	20	1.69	0.1	1.7
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	20	1.69	0.1	1.7
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	20	1.69	0.1	1.7
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	20	1.69	0.05	1.7
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	20	1.69	0.05	1.7
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	20	1.69	0.05	1.69
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	20	1.69	0.05	1.69
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	20	1.69	0.03	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	20	1.69	0.03	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	20	1.69	0.03	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	20	1.69	0.03	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	20	1.69	0.03	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	20	1.69	0.03	1.68

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	20	1.69	0.03	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	20	1.69	0.03	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	20	1.69	0.03	1.68
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	20	1.69	0.09	1.7
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	20	1.69	0.09	1.7
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	20	1.69	0.09	1.7
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	20	1.69	0.45	1.82
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	20	1.69	0.21	1.74
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	20	1.69	0.21	1.74
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	20	1.69	0.21	1.74
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	20	1.69	0.21	1.74
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	20	1.69	0.21	1.74
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	20	1.69	0.21	1.74
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	20	1.69	0.1	1.69
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	20	1.69	0.1	1.69
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	20	1.68	0.06	1.68
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	20	1.68	0.06	1.68
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	20	1.68	0.29	1.62
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	20	1.68	0.29	1.62
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	20	1.68	0.29	1.62
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	20	1.68	0.02	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	20	1.68	0.02	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	20	1.68	0.02	1.68
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	20	1.68	0.04	1.68
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	20	1.68	0.04	1.68
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	20	1.68	0.29	1.74
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	20	1.68	0.29	1.74
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	20	1.68	0.03	1.68
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	20	1.68	0.03	1.68
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	20	1.68	0.03	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	20	1.68	0.03	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	20	1.68	0.03	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	20	1.68	0.03	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	20	1.68	0.03	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	20	1.68	0.03	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	20	1.68	0.03	1.68
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	20	1.68	0.05	1.69
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	20	1.68	0.05	1.69
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	20	1.68	0.11	1.69
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	20	1.68	0.11	1.69
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	20	1.68	0.56	1.23
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	20	1.68	0.56	1.23

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	20	1.68	0.56	1.23
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	20	1.68	0.13	1.68
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	20	1.68	0.13	1.68
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	20	1.68	0.13	1.68
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	20	1.68	0.18	1.68
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	20	1.68	0.18	1.68
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	20	1.68	0.18	1.68
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	20	1.68	0.18	1.68
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	20	1.68	0.02	1.68
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	20	1.68	0.02	1.68
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	20	1.68	0.02	1.68
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	20	1.68	0.11	1.67
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	20	1.68	0.11	1.67
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	20	1.68	0.11	1.67
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	20	1.68	0.11	1.67
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	20	1.68	0.11	1.67
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	20	1.68	0.11	1.67
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	20	1.68	0.13	1.69
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	20	1.68	0.13	1.69
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	20	1.68	0.15	1.65
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	20	1.68	0.15	1.65
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	20	1.68	0.26	1.53
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	20	1.68	0.26	1.53
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	20	1.68	0.26	1.53
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	20	1.68	0.26	1.53
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	20	1.68	0.27	1.74
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	20	1.68	0.27	1.74
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	20	1.68	0.59	1.37
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	20	1.68	0.59	1.37
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	20	1.68	0.59	1.37
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	20	1.67	0.03	1.67
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	20	1.67	0.03	1.67
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	20	1.67	0.03	1.67
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	20	1.67	0.37	1.78
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	20	1.67	0.37	1.78
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	20	1.67	0.12	1.69
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	20	1.67	0.82	0.95
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	20	1.67	0.82	0.95
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	20	1.67	0.82	0.95
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	20	1.67	0.13	1.68
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	20	1.67	0.13	1.68
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	20	1.67	0.13	1.68

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	20	1.67	0.18	1.68
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	20	1.67	0.18	1.68
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	20	1.67	0.18	1.68
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	20	1.67	0.13	1.71
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	20	1.67	0.13	1.71
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	20	1.67	0.13	1.71
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	20	1.67	0.13	1.71
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	20	1.67	0.13	1.71
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	20	1.67	0.13	1.71
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	20	1.67	0.15	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	20	1.67	0.15	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	20	1.67	0.15	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	20	1.67	0.15	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	20	1.67	0.15	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	20	1.67	0.15	1.66
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	20	1.67	0.39	1.76
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	20	1.67	0.39	1.76
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	20	1.67	0.39	1.76
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	20	1.67	0.36	1.46
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	20	1.67	0.02	1.66
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	20	1.67	0.02	1.66
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	20	1.67	0.14	1.67
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	20	1.67	0.14	1.67
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	20	1.67	0.14	1.67
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	20	1.67	0.14	1.67
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	20	1.67	0.14	1.67
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	20	1.67	0.14	1.67
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	20	1.66	0.12	1.66
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	20	1.66	0.12	1.66
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	20	1.66	0.12	1.66
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	20	1.66	0.02	1.66
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	20	1.66	0.25	1.68
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	20	1.66	0.25	1.68
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	20	1.66	0.09	1.64
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	20	1.66	0.09	1.64
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	20	1.66	0.09	1.64
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	20	1.66	0.09	1.64
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	20	1.66	0.09	1.64
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	20	1.66	0.09	1.64
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	20	1.66	0.11	1.63
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	20	1.66	0.11	1.63
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	20	1.66	0.11	1.63

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	20	1.66	0.14	1.63
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	20	1.66	0.14	1.63
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	20	1.66	0.14	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	20	1.66	0.02	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	20	1.66	0.02	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	20	1.66	0.02	1.66
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	20	1.66	0.08	1.67
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	20	1.66	0.08	1.67
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	20	1.66	0.06	1.64
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	20	1.66	0.06	1.64
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	20	1.66	0.06	1.64
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	20	1.66	0.11	1.65
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	20	1.66	0.31	1.67
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	20	1.66	0.11	1.68
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	20	1.66	0.11	1.68
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	20	1.66	0.11	1.68
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	20	1.66	0.11	1.68
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	20	1.66	0.11	1.68
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	20	1.66	0.11	1.68
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	20	1.66	0.06	1.65
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	20	1.66	0.06	1.65
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	20	1.65	0.06	1.66
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	20	1.65	0.06	1.66
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	20	1.65	0.06	1.66
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	20	1.65	0.06	1.66
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	20	1.65	0.06	1.66
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	20	1.65	0.06	1.66
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	20	1.65	0.06	1.66
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	20	1.65	0.06	1.66
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	20	1.65	0.06	1.66
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	20	1.65	0.08	1.66
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	20	1.65	0.08	1.66
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	20	1.65	0.08	1.66
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	20	1.65	0.25	1.7
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	20	1.65	0.25	1.7
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	20	1.65	0.13	1.65
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	20	1.65	0.13	1.65
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	20	1.65	0.13	1.65
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	20	1.65	0.13	1.65
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	20	1.65	0.13	1.65
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	20	1.65	0.13	1.65
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	20	1.65	0.13	1.65

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	20	1.65	0.13	1.65
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	20	1.65	0.13	1.65
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	20	1.65	0.06	1.64
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	20	1.65	0.06	1.64
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	20	1.65	0.06	1.64
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	20	1.65	0.02	1.65
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	20	1.65	0.02	1.65
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	20	1.65	0.02	1.65
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	20	1.65	0.18	1.62
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	20	1.65	0.18	1.62
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	20	1.65	0.18	1.62
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	20	1.65	0.24	1.69
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	20	1.65	0.24	1.69
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	20	1.65	0.24	1.69
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	20	1.65	0.24	1.69
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	20	1.65	0.22	1.72
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	20	1.65	0.22	1.72
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	20	1.65	0.22	1.72
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	20	1.64	0.04	1.64
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	20	1.64	0.04	1.64
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	20	1.64	0.04	1.64
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	20	1.64	0.08	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	20	1.64	0.08	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	20	1.64	0.08	1.62
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	20	1.64	0.13	1.64
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	20	1.64	0.13	1.64
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	20	1.64	0.09	1.63
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	20	1.64	0.09	1.63
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	20	1.64	0.09	1.63
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	20	1.64	0.04	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	20	1.64	0.04	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	20	1.64	0.04	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	20	1.64	0.04	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	20	1.64	0.04	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	20	1.64	0.04	1.62
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	20	1.64	0.17	1.64
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	20	1.64	0.17	1.64
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	20	1.64	0.03	1.65
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	20	1.64	0.03	1.65
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	20	1.64	0.03	1.65
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	20	1.64	0.2	1.65
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	20	1.64	0.2	1.65

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	20	1.64	0.2	1.65
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	20	1.64	0.07	1.64
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	20	1.64	0.07	1.64
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	20	1.64	0.07	1.64
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	20	1.64	0.15	1.61
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	20	1.64	0.15	1.61
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	20	1.64	0.15	1.61
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	20	1.64	0.25	1.7
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	20	1.64	0.25	1.7
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	20	1.64	0.25	1.7
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	20	1.64	0.25	1.7
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	20	1.64	0.07	1.65
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	20	1.64	0.07	1.65
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	20	1.64	0.07	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	20	1.64	0.04	1.64
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	20	1.64	0.04	1.64
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	20	1.64	0.04	1.64
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	20	1.63	0.12	1.62
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	20	1.63	0.12	1.62
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	20	1.63	0.16	1.66
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	20	1.63	0.16	1.66
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	20	1.63	0.12	1.64
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	20	1.63	0.12	1.64
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	20	1.63	0.08	1.63
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	20	1.63	0.04	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	20	1.63	0.04	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	20	1.63	0.04	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	20	1.63	0.04	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	20	1.63	0.04	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	20	1.63	0.04	1.61
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	20	1.63	0.22	1.58
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	20	1.63	0.22	1.58
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	20	1.62	0.32	1.67
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	20	1.62	0.1	1.63
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	20	1.62	0.1	1.63
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	20	1.62	0.1	1.63
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	20	1.62	0.04	1.62
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	20	1.62	0.04	1.62
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	20	1.62	0.04	1.62
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	20	1.62	0.09	1.65
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	20	1.62	0.09	1.65
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	20	1.62	0.26	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	20	1.62	0.26	1.7
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	20	1.62	0.09	1.63
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	20	1.62	0.09	1.63
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	20	1.62	0.09	1.63
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	20	1.62	0.09	1.63
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	20	1.62	0.09	1.63
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	20	1.62	0.09	1.63
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	20	1.62	0.11	1.64
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	20	1.62	0.11	1.64
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	20	1.62	0.11	1.64
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	20	1.62	0.11	1.64
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	20	1.62	0.16	1.62
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	20	1.62	0.03	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	20	1.62	0.03	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	20	1.62	0.03	1.61
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	20	1.62	0.2	1.69
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	20	1.62	0.2	1.69
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	20	1.62	0.01	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	20	1.62	0.01	1.62
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	20	1.62	0.07	1.6
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	20	1.62	0.07	1.6
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	20	1.62	0.07	1.6
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	20	1.61	0.04	1.62
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	20	1.61	0.04	1.62
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	20	1.61	0.04	1.62
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	20	1.61	0.11	1.63
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	20	1.61	0.11	1.63
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	20	1.61	0.11	1.63
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	20	1.61	0.11	1.63
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	20	1.61	0.11	1.63
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	20	1.61	0.11	1.63
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	20	1.61	0.18	1.62
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	20	1.61	0.18	1.62
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	20	1.61	0.18	1.62
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	20	1.61	0.11	1.62
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	20	1.61	0.37	1.6
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	20	1.61	0.37	1.6
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	20	1.61	0.02	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	20	1.61	0.02	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	20	1.61	0.02	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	20	1.61	0.02	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	20	1.61	0.02	1.61

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	20	1.61	0.02	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	20	1.61	0.02	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	20	1.61	0.02	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	20	1.61	0.02	1.61
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	20	1.61	0.11	1.63
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	20	1.61	0.11	1.63
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	20	1.61	0.11	1.63
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	20	1.61	0.1	1.62
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	20	1.61	0.1	1.62
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	20	1.61	0.1	1.62
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	20	1.61	0.6	1.35
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	20	1.61	0.6	1.35
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	20	1.61	0.6	1.35
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	20	1.61	0.12	1.64
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	20	1.6	0.29	1.53
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	20	1.6	0.29	1.53
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	20	1.6	0.29	1.53
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	20	1.6	0.14	1.62
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	20	1.6	0.14	1.62
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	20	1.6	0.14	1.62
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	20	1.6	0.17	1.65
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	20	1.6	0.17	1.65
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	20	1.6	0.17	1.65
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	20	1.6	0.17	1.65
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	20	1.6	0.11	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	20	1.6	0.11	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	20	1.6	0.11	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	20	1.6	0.11	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	20	1.6	0.11	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	20	1.6	0.11	1.69
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	20	1.6	0.2	1.62
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	20	1.6	0.2	1.62
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	20	1.6	0.11	1.6
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	20	1.6	0.11	1.6
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	20	1.6	0.11	1.6
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	20	1.6	0.08	1.58
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	20	1.6	0.08	1.58
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	20	1.6	0.08	1.58
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	20	1.6	0.14	1.62
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	20	1.6	0.14	1.62
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	20	1.6	0.23	1.63
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	20	1.6	0.23	1.63

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	20	1.6	0.14	1.64
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	20	1.6	0.02	1.6
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	20	1.6	0.02	1.6
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	20	1.6	0.02	1.6
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	20	1.6	0.08	1.6
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	20	1.6	0.12	1.62
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	20	1.6	0.12	1.62
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	20	1.6	0.47	1.59
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	20	1.6	0.47	1.59
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	20	1.6	0.47	1.59
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	20	1.6	0.04	1.6
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	20	1.6	0.11	1.58
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	20	1.6	0.11	1.58
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	20	1.6	0.17	1.64
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	20	1.6	0.17	1.64
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	20	1.6	0.17	1.64
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	20	1.6	0.17	1.64
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	20	1.6	0.17	1.64
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	20	1.6	0.17	1.64
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	20	1.6	0.18	1.62
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	20	1.6	0.18	1.62
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	20	1.6	0.18	1.62
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	20	1.6	0.18	1.62
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	20	1.6	0.18	1.62
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	20	1.6	0.18	1.62
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	20	1.6	0.05	1.57
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	20	1.6	0.05	1.57
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	20	1.6	0.05	1.57
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	20	1.6	0.11	1.62
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	20	1.6	0.11	1.62
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	20	1.6	0.34	1.63
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	20	1.6	0.34	1.63
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	20	1.6	0.34	1.63
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	20	1.6	0.09	1.6
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	20	1.6	0.09	1.6
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	20	1.6	0.09	1.6
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	20	1.6	0.09	1.6
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	20	1.6	0.09	1.6
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	20	1.6	0.09	1.6
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	20	1.59	0.11	1.58
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	20	1.59	0.11	1.58
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	20	1.59	0.11	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	20	1.59	0.13	1.58
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	20	1.59	0.13	1.58
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	20	1.59	0.13	1.58
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	20	1.59	0.3	1.57
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	20	1.59	0.1	1.62
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	20	1.59	0.1	1.62
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	20	1.59	0.1	1.62
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	20	1.59	0.05	1.59
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	20	1.59	0.05	1.59
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	20	1.59	0.18	1.62
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	20	1.59	0.18	1.62
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	20	1.59	0.03	1.6
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	20	1.59	0.03	1.6
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	20	1.59	0.03	1.6
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	20	1.59	0.16	1.52
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	20	1.59	0.16	1.52
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	20	1.59	0.16	1.52
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	20	1.59	0.16	1.52
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	20	1.59	0.16	1.52
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	20	1.59	0.16	1.52
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	20	1.59	0.09	1.59
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	20	1.59	0.09	1.59
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	20	1.59	0.09	1.59
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	20	1.59	0.03	1.58
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	20	1.59	0.03	1.58
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	20	1.59	0.03	1.58
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	20	1.59	0.69	1.63
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	20	1.59	0.69	1.63
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	20	1.59	0.06	1.58
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	20	1.59	0.06	1.58
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	20	1.59	0.06	1.58
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	20	1.59	0.06	1.58
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	20	1.59	0.06	1.58
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	20	1.59	0.06	1.58
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	20	1.59	0.06	1.58
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	20	1.59	0.06	1.58
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	20	1.59	0.06	1.58
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	20	1.59	0.05	1.6
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	20	1.59	0.05	1.6
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	20	1.59	0.1	1.6
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	20	1.59	0.1	1.6
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	20	1.59	0.07	1.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	20	1.59	0.05	1.57
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	20	1.58	0.12	1.58
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	20	1.58	0.12	1.58
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	20	1.58	0.12	1.58
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	20	1.58	0.06	1.58
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	20	1.58	0.06	1.58
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	20	1.58	0.1	1.58
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	20	1.58	0.1	1.58
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	20	1.58	0.1	1.58
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	20	1.58	0.12	1.59
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	20	1.58	0.12	1.59
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	20	1.58	0.12	1.59
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	20	1.58	0.12	1.59
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	20	1.58	0.12	1.59
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	20	1.58	0.12	1.59
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	20	1.58	0.44	1.74
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	20	1.58	0.17	1.58
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	20	1.58	0.17	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	20	1.58	0.07	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	20	1.58	0.07	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	20	1.58	0.07	1.58
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	20	1.58	0.06	1.58
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	20	1.58	0.22	1.56
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	20	1.58	0.22	1.56
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	20	1.58	0.02	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	20	1.58	0.02	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	20	1.58	0.02	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	20	1.58	0.02	1.58
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	20	1.58	0.63	1.24
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	20	1.58	0.06	1.58
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	20	1.58	0.09	1.58
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	20	1.58	0.09	1.58
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	20	1.58	0.09	1.58
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	20	1.58	0.09	1.58
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	20	1.58	0.1	1.58
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	20	1.58	0.1	1.58
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	20	1.58	0.27	1.54
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	20	1.58	0.03	1.57
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	20	1.58	0.03	1.57
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	20	1.58	0.03	1.57
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	20	1.57	0.2	1.56
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	20	1.57	0.2	1.56

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	20	1.57	0.18	1.54
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	20	1.57	0.18	1.54
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	20	1.57	0.18	1.54
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	20	1.57	0.12	1.58
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	20	1.57	0.12	1.58
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	20	1.57	0.12	1.58
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	20	1.57	0.07	1.58
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	20	1.57	0.07	1.58
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	20	1.57	0.08	1.57
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	20	1.57	0.08	1.57
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	20	1.57	0.08	1.59
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	20	1.57	0.08	1.59
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	20	1.57	0.08	1.58
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	20	1.57	0.08	1.58
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	20	1.57	0.08	1.58
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	20	1.57	0.13	1.6
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	20	1.57	0.13	1.6
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	20	1.57	0.13	1.6
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	20	1.57	0.23	1.58
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	20	1.57	0.23	1.58
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	20	1.57	0.05	1.58
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	20	1.57	0.02	1.56
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	20	1.57	0.02	1.56
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	20	1.57	0.22	1.62
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	20	1.57	0.22	1.62
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	20	1.57	0.22	1.62
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	20	1.57	0.22	1.62
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	20	1.56	0.12	1.59
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	20	1.56	0.08	1.56
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	20	1.56	0.08	1.56
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	20	1.56	0.08	1.56
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	20	1.56	0.04	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	20	1.56	0.04	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	20	1.56	0.04	1.58
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	20	1.56	0.21	1.53
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	20	1.56	0.17	1.5
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	20	1.56	0.17	1.5
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	20	1.56	0.17	1.5
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	20	1.56	0.18	1.58
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	20	1.56	0.18	1.58
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	20	1.56	0.28	1.55
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	20	1.56	0.28	1.55

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	20	1.56	0.17	1.48
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	20	1.56	0.17	1.48
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	20	1.56	0.17	1.48
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	20	1.56	0.23	1.48
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	20	1.56	0.23	1.48
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	20	1.56	0.23	1.48
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	20	1.56	0.23	1.48
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	20	1.56	0.46	1.67
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	20	1.56	0.46	1.67
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	20	1.56	0.09	1.56
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	20	1.56	0.07	1.54
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	20	1.56	0.07	1.54
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	20	1.56	0.07	1.54
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	20	1.56	0.06	1.56
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	20	1.56	0.06	1.56
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	20	1.56	0.06	1.56
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	20	1.56	0.05	1.56
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	20	1.56	0.05	1.56
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	20	1.56	0.07	1.55
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	20	1.56	0.07	1.55
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	20	1.56	0.07	1.55
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	20	1.56	0.07	1.55
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	20	1.56	0.07	1.55
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	20	1.56	0.07	1.55
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	20	1.56	0.07	1.55
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	20	1.56	0.07	1.55
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	20	1.56	0.07	1.55
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	20	1.56	0.05	1.54
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	20	1.56	0.05	1.54
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	20	1.56	0.05	1.54
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	20	1.56	0.7	1.98
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	20	1.56	0.7	1.98
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	20	1.56	0.03	1.56
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	20	1.56	0.03	1.56
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	20	1.56	0.03	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	20	1.56	0.03	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	20	1.56	0.03	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	20	1.56	0.03	1.56
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	20	1.55	0.23	1.48
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	20	1.55	0.23	1.48
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	20	1.55	0.08	1.56
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	20	1.55	0.08	1.56

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	20	1.55	0.08	1.56
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	20	1.55	0.22	1.44
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	20	1.55	0.22	1.44
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	20	1.55	0.22	1.44
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	20	1.55	0.03	1.56
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	20	1.55	0.03	1.56
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	20	1.55	0.03	1.56
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	20	1.55	0.03	1.56
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	20	1.55	0.14	1.55
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	20	1.55	0.14	1.55
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	20	1.55	0.18	1.6
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	20	1.55	0.18	1.6
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	20	1.55	0.18	1.6
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	20	1.55	0.18	1.6
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	20	1.55	0.18	1.6
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	20	1.55	0.18	1.6
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	20	1.55	0.28	1.61
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	20	1.55	0.28	1.61
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	20	1.55	0.1	1.54
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	20	1.55	0.1	1.54
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	20	1.55	0.1	1.54
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	20	1.55	0.1	1.54
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	20	1.55	0.1	1.54
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	20	1.55	0.1	1.54
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	20	1.55	0.16	1.54
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	20	1.55	0.16	1.54
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	20	1.55	0.11	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	20	1.55	0.11	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	20	1.55	0.11	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	20	1.55	0.11	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	20	1.55	0.11	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	20	1.55	0.11	1.5
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	20	1.54	0.07	1.56
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	20	1.54	0.07	1.56
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	20	1.54	0.07	1.56
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	20	1.54	0.2	1.55
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	20	1.54	0.23	1.48
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	20	1.54	0.23	1.48
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	20	1.54	0.23	1.48
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	20	1.54	0.23	1.54
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	20	1.54	0.23	1.54
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	20	1.54	0.08	1.54

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	20	1.54	0.08	1.54
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	20	1.54	0.17	1.56
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	20	1.54	0.17	1.56
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	20	1.54	0.03	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	20	1.54	0.03	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	20	1.54	0.03	1.54
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	20	1.54	0.09	1.56
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	20	1.54	0.09	1.56
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	20	1.54	0.09	1.56
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	20	1.54	0.02	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	20	1.54	0.02	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	20	1.54	0.02	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	20	1.54	0.02	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	20	1.54	0.02	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	20	1.54	0.02	1.54
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	20	1.54	0.43	1.62
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	20	1.54	0.43	1.62
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	20	1.53	0.21	1.53
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	20	1.53	0.21	1.53
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	20	1.53	0.18	1.46
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	20	1.53	0.25	1.59
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	20	1.53	0.25	1.59
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	20	1.53	0.32	1.49
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	20	1.53	0.32	1.49
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	20	1.53	0.32	1.49
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	20	1.53	0.32	1.49
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	20	1.53	0.32	1.49
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	20	1.53	0.32	1.49
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	20	1.53	0.2	1.54
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	20	1.53	0.2	1.54
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	20	1.53	0.06	1.54
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	20	1.53	0.06	1.54
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	20	1.53	0.06	1.54
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	20	1.53	0.21	1.51
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	20	1.53	0.21	1.51
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	20	1.53	0.21	1.51
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	20	1.53	0.19	1.52
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	20	1.53	0.19	1.52
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	20	1.53	0.19	1.52
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	20	1.53	0.19	1.52
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	20	1.53	0.19	1.52
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	20	1.53	0.19	1.52

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	20	1.53	0.22	1.49
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	20	1.53	0.22	1.49
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	20	1.53	0.21	1.54
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	20	1.53	0.21	1.54
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	20	1.53	0.21	1.54
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	20	1.53	0.14	1.54
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	20	1.53	0.14	1.54
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	20	1.53	0.14	1.54
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	20	1.52	0.31	1.42
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	20	1.52	0.31	1.42
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	20	1.52	0.16	1.52
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	20	1.52	0.16	1.52
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	20	1.52	0.16	1.52
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	20	1.52	0.19	1.47
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	20	1.52	0.19	1.47
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	20	1.52	0.19	1.52
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	20	1.52	0.04	1.54
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	20	1.52	0.04	1.54
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	20	1.52	0.04	1.54
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	20	1.52	0.15	1.49
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	20	1.52	0.15	1.49
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	20	1.52	0.15	1.49
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	20	1.52	0.15	1.49
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	20	1.52	0.15	1.49
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	20	1.52	0.15	1.49
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	20	1.52	0.4	1.65
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	20	1.52	0.02	1.52
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	20	1.52	0.04	1.52
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	20	1.52	0.04	1.52
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	20	1.52	0.04	1.52
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	20	1.52	0.13	1.53
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	20	1.52	0.13	1.53
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	20	1.52	0.13	1.53
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	20	1.52	0.43	1.5
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	20	1.52	0.43	1.5
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	20	1.52	0.43	1.5
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	20	1.52	0.15	1.54
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	20	1.52	0.15	1.54
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	20	1.52	0.15	1.51
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	20	1.52	0.15	1.51
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	20	1.52	0.36	1.52
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	20	1.52	0.36	1.52

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	20	1.52	0.36	1.52
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	20	1.52	0.36	1.52
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	20	1.52	0.36	1.52
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	20	1.52	0.36	1.52
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	20	1.52	0.08	1.52
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	20	1.52	0.08	1.52
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	20	1.52	0.19	1.46
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	20	1.52	0.19	1.46
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	20	1.52	0.19	1.46
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	20	1.52	0.19	1.46
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	20	1.52	0.19	1.46
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	20	1.52	0.19	1.46
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	20	1.52	0.18	1.58
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	20	1.52	0.18	1.58
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	20	1.52	0.2	1.46
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	20	1.52	0.15	1.53
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	20	1.52	0.15	1.53
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	20	1.52	0.15	1.53
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	20	1.52	0.53	1.76
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	20	1.52	0.67	1.88
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	20	1.52	0.67	1.88
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	20	1.51	0.03	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	20	1.51	0.03	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	20	1.51	0.03	1.51
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	20	1.51	0.13	1.52
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	20	1.51	0.13	1.52
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	20	1.51	0.13	1.52
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	20	1.51	0.05	1.51
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	20	1.51	0.05	1.51
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	20	1.51	0.19	1.52
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	20	1.51	0.19	1.52
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	20	1.51	0.19	1.52
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	20	1.51	0.07	1.49
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	20	1.51	0.07	1.49
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	20	1.51	0.07	1.49
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	20	1.51	0.03	1.51
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	20	1.51	0.17	1.54
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	20	1.51	0.17	1.54
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	20	1.51	0.15	1.58
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	20	1.51	0.15	1.58
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	20	1.51	0.15	1.58
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	20	1.51	0.15	1.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	20	1.51	0.12	1.52
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	20	1.51	0.16	1.52
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	20	1.51	0.16	1.52
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	20	1.51	0.16	1.52
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	20	1.51	0.16	1.52
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	20	1.51	0.16	1.52
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	20	1.51	0.16	1.52
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	20	1.51	0.03	1.5
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	20	1.51	0.03	1.5
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	20	1.51	0.03	1.5
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	20	1.51	0.05	1.5
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	20	1.51	0.05	1.5
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	20	1.51	0.02	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	20	1.51	0.02	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	20	1.51	0.02	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	20	1.51	0.02	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	20	1.51	0.02	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	20	1.51	0.02	1.51
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	20	1.5	0.14	1.46
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	20	1.5	0.14	1.46
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	20	1.5	0.14	1.46
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	20	1.5	0.14	1.46
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	20	1.5	0.22	1.54
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	20	1.5	0.22	1.54
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	20	1.5	0.22	1.54
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	20	1.5	0.08	1.52
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	20	1.5	0.08	1.52
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	20	1.5	0.08	1.52
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	20	1.5	0.08	1.52
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	20	1.5	0.08	1.52
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	20	1.5	0.08	1.52
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	20	1.5	0.33	1.67
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	20	1.5	0.01	1.5
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	20	1.5	0.01	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	20	1.5	0.03	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	20	1.5	0.03	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	20	1.5	0.03	1.5
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	20	1.5	0.1	1.51
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	20	1.5	0.14	1.54
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	20	1.5	0.05	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	20	1.5	0.05	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	20	1.5	0.05	1.52

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	20	1.5	0.08	1.49
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	20	1.5	0.08	1.49
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	20	1.5	0.08	1.49
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	20	1.5	0.06	1.52
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	20	1.5	0.05	1.5
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	20	1.5	0.05	1.5
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	20	1.49	0.06	1.49
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	20	1.49	0.06	1.49
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	20	1.49	0.03	1.49
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	20	1.49	0.03	1.49
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	20	1.49	0.03	1.49
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	20	1.49	0.07	1.48
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	20	1.49	0.07	1.48
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	20	1.49	0.07	1.48
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	20	1.49	0.17	1.48
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	20	1.49	0.17	1.48
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	20	1.49	0.09	1.48
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	20	1.49	0.09	1.48
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	20	1.49	0.09	1.48
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	20	1.49	0.04	1.5
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	20	1.49	0.04	1.5
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	20	1.49	0.4	1.69
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	20	1.49	0.4	1.69
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	20	1.49	0.08	1.51
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	20	1.49	0.08	1.51
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	20	1.49	0.08	1.51
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	20	1.49	0.1	1.46
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	20	1.49	0.1	1.46
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	20	1.49	0.17	1.45
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	20	1.49	0.17	1.45
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	20	1.49	0.03	1.49
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	20	1.49	0.03	1.49
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	20	1.49	0.03	1.49
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	20	1.49	0.87	1.14
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	20	1.49	0.87	1.14
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	20	1.49	0.03	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	20	1.49	0.03	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	20	1.49	0.03	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	20	1.49	0.03	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	20	1.49	0.03	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	20	1.49	0.03	1.48
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	20	1.49	0.09	1.5

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	20	1.49	0.09	1.5
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	20	1.48	0.25	1.52
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	20	1.48	0.25	1.52
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	20	1.48	0.09	1.48
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	20	1.48	0.09	1.48
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	20	1.48	0.1	1.5
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	20	1.48	0.88	1.02
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	20	1.48	0.88	1.02
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	20	1.48	0.53	1.64
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	20	1.48	0.53	1.64
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	20	1.48	0.53	1.64
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	20	1.48	0.53	1.64
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	20	1.48	0.02	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	20	1.48	0.02	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	20	1.48	0.02	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	20	1.48	0.02	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	20	1.48	0.02	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	20	1.48	0.02	1.48
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	20	1.48	0.66	1.23
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	20	1.48	0.66	1.23
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	20	1.48	0.66	1.23
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	20	1.48	0.3	1.42
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	20	1.48	0.3	1.42
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	20	1.48	0.3	1.42
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	20	1.48	0.21	1.47
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	20	1.48	0.21	1.47
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	20	1.48	0.21	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	20	1.48	0.01	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	20	1.48	0.01	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	20	1.48	0.01	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	20	1.48	0.01	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	20	1.48	0.01	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	20	1.48	0.01	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	20	1.48	0.01	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	20	1.48	0.01	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	20	1.48	0.01	1.48
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	20	1.48	0.16	1.46
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	20	1.48	0.16	1.46
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	20	1.48	0.16	1.46
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	20	1.48	0.16	1.46
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	20	1.48	0.16	1.46
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	20	1.48	0.16	1.46

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	20	1.48	0.13	1.5
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	20	1.48	0.04	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	20	1.48	0.04	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	20	1.48	0.04	1.47
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	20	1.48	0.14	1.5
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	20	1.48	0.14	1.5
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	20	1.48	0.14	1.5
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	20	1.48	0.19	1.52
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	20	1.48	0.19	1.52
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	20	1.48	0.1	1.47
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	20	1.48	0.1	1.47
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	20	1.48	0.1	1.47
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	20	1.48	0.05	1.49
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	20	1.48	0.05	1.49
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	20	1.48	0.06	1.48
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	20	1.47	0.1	1.44
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	20	1.47	0.1	1.44
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	20	1.47	0.1	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	20	1.47	0.1	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	20	1.47	0.1	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	20	1.47	0.1	1.44
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	20	1.47	0.1	1.44
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	20	1.47	0.1	1.44
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	20	1.47	0.1	1.44
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	20	1.47	0.1	1.46
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	20	1.47	0.1	1.46
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	20	1.47	0.1	1.46
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	20	1.47	0.62	1.38
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	20	1.47	0.62	1.38
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	20	1.47	0.62	1.38
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	20	1.47	0.11	1.51
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	20	1.47	0.11	1.51
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	20	1.47	0.11	1.51
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	20	1.47	0.11	1.51
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	20	1.47	0.11	1.51
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	20	1.47	0.11	1.51
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	20	1.47	0.13	1.5
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	20	1.47	0.13	1.5
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	20	1.47	0.06	1.46
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	20	1.47	0.06	1.46
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	20	1.47	0.06	1.46
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	20	1.47	0.07	1.48

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	20	1.47	0.07	1.48
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	20	1.47	0.07	1.48
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	20	1.47	0.05	1.48
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	20	1.47	0.05	1.48
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	20	1.47	0.02	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	20	1.47	0.02	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	20	1.47	0.02	1.47
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	20	1.47	0.14	1.42
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	20	1.47	0.14	1.42
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	20	1.47	0.14	1.42
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	20	1.47	0.14	1.42
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	20	1.47	0.45	1.64
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	20	1.47	0.45	1.64
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	20	1.47	0.31	1.56
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	20	1.47	0.31	1.56
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	20	1.47	0.19	1.48
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	20	1.47	0.19	1.48
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	20	1.47	0.45	1.65
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	20	1.47	0.26	1.49
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	20	1.47	0.23	1.46
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	20	1.47	0.23	1.46
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	20	1.47	0.23	1.46
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	20	1.46	0.04	1.46
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	20	1.46	0.24	1.54
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	20	1.46	0.24	1.54
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	20	1.46	0.24	1.54
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	20	1.46	0.16	1.42
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	20	1.46	0.16	1.42
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	20	1.46	0.79	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	20	1.46	0.79	1.01
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	20	1.46	0.07	1.46
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	20	1.46	0.07	1.46
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	20	1.46	0.33	1.5
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	20	1.46	0.33	1.5
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	20	1.46	0.23	1.48
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	20	1.46	0.23	1.48
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	20	1.46	0.05	1.45
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	20	1.46	0.05	1.44
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	20	1.45	0.03	1.46
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	20	1.45	0.03	1.46
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	20	1.45	0.03	1.46
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	20	1.45	0.03	1.46

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	20	1.45	0.03	1.46
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	20	1.45	0.03	1.46
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	20	1.45	0.3	1.5
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	20	1.45	0.18	1.46
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	20	1.45	0.18	1.46
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	20	1.45	0.18	1.46
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	20	1.45	0.11	1.46
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	20	1.45	0.11	1.46
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	20	1.45	0.08	1.44
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	20	1.45	0.08	1.44
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	20	1.45	0.18	1.44
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	20	1.45	0.18	1.44
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	20	1.45	0.18	1.44
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	20	1.45	0.09	1.44
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	20	1.45	0.09	1.44
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	20	1.45	0.09	1.44
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	20	1.45	0.03	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	20	1.45	0.03	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	20	1.45	0.03	1.45
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	20	1.45	0.17	1.44
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	20	1.45	0.17	1.44
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	20	1.45	0.17	1.44
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	20	1.45	0.09	1.46
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	20	1.45	0.09	1.46
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	20	1.45	0.09	1.46
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	20	1.45	0.07	1.44
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	20	1.45	0.07	1.44
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	20	1.45	0.07	1.44
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	20	1.45	0.17	1.38
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	20	1.45	0.17	1.38
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	20	1.45	0.13	1.46
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	20	1.45	0.49	1.28
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	20	1.45	0.49	1.28
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	20	1.44	0.03	1.44
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	20	1.44	0.03	1.44
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	20	1.44	0.03	1.44
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	20	1.44	0.07	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	20	1.44	0.07	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	20	1.44	0.07	1.45
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	20	1.44	0.06	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	20	1.44	0.06	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	20	1.44	0.06	1.42

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	20	1.44	0.06	1.42
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	20	1.44	0.13	1.48
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	20	1.44	0.25	1.48
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	20	1.44	0.25	1.48
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	20	1.44	0.25	1.48
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	20	1.44	0.51	1.55
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	20	1.44	0.2	1.38
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	20	1.44	0.2	1.38
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	20	1.44	0.2	1.38
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	20	1.44	0.2	1.38
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	20	1.44	0.2	1.38
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	20	1.44	0.2	1.38
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	20	1.44	0.08	1.46
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	20	1.44	0.08	1.46
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	20	1.44	0.09	1.45
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	20	1.44	0.09	1.45
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	20	1.44	0.09	1.45
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	20	1.44	0.15	1.44
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	20	1.44	0.15	1.44
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	20	1.44	0.21	1.45
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	20	1.44	0.21	1.45
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	20	1.44	0.06	1.46
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	20	1.44	0.06	1.46
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	20	1.44	0.06	1.46
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	20	1.44	0.14	1.44
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	20	1.44	0.14	1.44
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	20	1.44	0.14	1.44
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	20	1.44	0.14	1.44
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	20	1.44	0.12	1.4
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	20	1.44	0.12	1.4
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	20	1.43	0.07	1.42
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	20	1.43	0.07	1.42
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	20	1.43	0.07	1.42
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	20	1.43	0.12	1.42
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	20	1.43	0.12	1.42
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	20	1.43	0.21	1.42
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	20	1.43	0.21	1.42
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	20	1.43	0.21	1.42
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	20	1.43	0.15	1.4
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	20	1.43	0.15	1.4
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	20	1.42	0.06	1.41
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	20	1.42	0.06	1.41

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	20	1.42	0.18	1.46
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	20	1.42	0.18	1.46
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	20	1.42	0.18	1.46
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	20	1.42	0.08	1.42
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	20	1.42	0.08	1.42
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	20	1.42	0.08	1.42
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	20	1.42	0.64	1.6
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	20	1.42	0.64	1.6
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	20	1.42	0.08	1.42
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	20	1.42	0.08	1.42
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	20	1.42	0.08	1.42
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	20	1.42	0.11	1.38
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	20	1.42	0.11	1.38
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	20	1.42	0.11	1.38
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	20	1.42	0.12	1.46
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	20	1.42	0.12	1.46
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	20	1.42	0.12	1.46
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	20	1.42	0.12	1.46
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	20	1.42	0.12	1.46
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	20	1.42	0.12	1.46
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	20	1.42	0.17	1.42
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	20	1.42	0.11	1.43
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	20	1.42	0.11	1.43
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	20	1.41	0.14	1.42
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	20	1.41	0.14	1.42
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	20	1.41	0.14	1.42
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	20	1.41	0.07	1.4
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	20	1.41	0.07	1.4
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	20	1.41	0.07	1.4
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	20	1.41	0.11	1.38
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	20	1.41	0.11	1.38
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	20	1.41	0.05	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	20	1.41	0.02	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	20	1.41	0.02	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	20	1.41	0.02	1.42
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	20	1.41	0.09	1.38
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	20	1.41	0.09	1.38
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	20	1.41	0.09	1.38
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	20	1.41	0.11	1.4
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	20	1.41	0.11	1.4
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	20	1.41	0.11	1.4
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	20	1.41	0.11	1.4

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	20	1.41	0.11	1.4
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	20	1.41	0.11	1.4
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	20	1.41	0.05	1.42
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	20	1.41	0.05	1.42
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	20	1.41	0.05	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	20	1.41	0.04	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	20	1.41	0.04	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	20	1.41	0.04	1.42
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	20	1.41	0.03	1.41
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	20	1.41	0.03	1.41
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	20	1.41	0.03	1.41
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	20	1.41	0.11	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	20	1.41	0.11	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	20	1.41	0.11	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	20	1.41	0.11	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	20	1.41	0.11	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	20	1.41	0.11	1.35
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	20	1.41	0.0	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	20	1.41	0.0	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	20	1.41	0.0	1.41
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	20	1.41	0.18	1.41
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	20	1.41	0.09	1.4
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	20	1.41	0.09	1.4
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	20	1.41	0.25	1.49
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	20	1.41	0.25	1.49
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	20	1.41	0.25	1.49
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	20	1.41	0.02	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	20	1.41	0.02	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	20	1.41	0.02	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	20	1.41	0.02	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	20	1.41	0.02	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	20	1.41	0.02	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	20	1.41	0.02	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	20	1.41	0.02	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	20	1.41	0.02	1.4
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	20	1.4	0.13	1.38
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	20	1.4	0.13	1.38
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	20	1.4	0.13	1.38
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	20	1.4	0.21	1.4
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	20	1.4	0.21	1.4
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	20	1.4	0.02	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	20	1.4	0.02	1.41

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	20	1.4	0.02	1.41
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	20	1.4	0.12	1.4
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	20	1.4	0.12	1.4
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	20	1.4	0.12	1.4
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	20	1.4	0.07	1.4
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	20	1.4	0.07	1.4
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	20	1.4	0.19	1.44
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	20	1.4	0.19	1.44
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	20	1.4	0.05	1.41
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	20	1.4	0.11	1.42
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	20	1.4	0.12	1.38
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	20	1.4	0.12	1.38
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	20	1.4	0.46	1.23
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	20	1.4	0.46	1.23
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	20	1.4	0.05	1.41
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	20	1.4	0.05	1.41
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	20	1.4	0.05	1.41
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	20	1.4	0.13	1.42
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	20	1.4	0.13	1.42
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	20	1.4	0.13	1.42
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	20	1.4	0.4	1.6
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	20	1.4	0.4	1.6
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	20	1.4	0.04	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	20	1.4	0.04	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	20	1.4	0.04	1.4
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	20	1.4	0.08	1.37
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	20	1.4	0.08	1.37
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	20	1.4	0.08	1.37
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	20	1.4	0.08	1.37
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	20	1.4	0.08	1.37
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	20	1.4	0.08	1.37
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	20	1.4	0.04	1.41
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	20	1.4	0.08	1.38
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	20	1.4	0.12	1.38
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	20	1.4	0.12	1.38
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	20	1.4	0.12	1.38
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	20	1.4	0.05	1.38
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	20	1.4	0.15	1.42
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	20	1.4	0.15	1.42
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	20	1.39	0.49	1.22
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	20	1.39	0.49	1.22
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	20	1.39	0.02	1.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	20	1.39	0.02	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	20	1.39	0.02	1.39
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	20	1.39	0.03	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	20	1.39	0.03	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	20	1.39	0.03	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	20	1.39	0.03	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	20	1.39	0.03	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	20	1.39	0.03	1.4
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	20	1.39	0.69	1.13
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	20	1.39	0.69	1.13
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	20	1.39	0.32	1.4
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	20	1.39	0.32	1.4
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	20	1.39	0.3	1.42
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	20	1.39	0.3	1.42
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	20	1.39	0.23	1.38
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	20	1.39	0.23	1.38
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	20	1.39	0.23	1.38
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	20	1.39	0.1	1.38
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	20	1.39	0.1	1.38
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	20	1.39	0.04	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	20	1.39	0.04	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	20	1.39	0.04	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	20	1.39	0.04	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	20	1.39	0.04	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	20	1.39	0.04	1.4
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	20	1.39	0.06	1.41
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	20	1.39	0.06	1.41
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	20	1.39	0.06	1.41
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	20	1.39	0.11	1.42
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	20	1.39	0.11	1.42
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	20	1.39	0.11	1.42
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	20	1.39	0.07	1.4
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	20	1.39	0.07	1.4
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	20	1.39	0.07	1.4
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	20	1.39	0.11	1.38
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	20	1.38	0.06	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	20	1.38	0.02	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	20	1.38	0.02	1.38
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	20	1.38	0.07	1.38
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	20	1.38	0.07	1.38
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	20	1.38	0.06	1.38
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	20	1.38	0.06	1.38

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	20	1.38	0.06	1.38
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	20	1.38	0.06	1.37
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	20	1.38	0.06	1.37
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	20	1.38	0.06	1.37
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	20	1.38	0.17	1.4
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	20	1.38	0.17	1.4
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	20	1.38	0.11	1.38
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	20	1.38	0.11	1.38
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	20	1.38	0.11	1.38
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	20	1.38	0.19	1.4
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	20	1.38	0.19	1.4
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	20	1.38	0.07	1.36
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	20	1.38	0.07	1.36
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	20	1.38	0.07	1.36
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	20	1.38	0.03	1.38
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	20	1.38	0.03	1.38
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	20	1.38	0.36	1.4
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	20	1.38	0.36	1.4
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	20	1.38	0.36	1.4
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	20	1.38	0.09	1.38
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	20	1.38	0.09	1.38
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	20	1.38	0.09	1.38
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	20	1.38	0.04	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	20	1.38	0.04	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	20	1.38	0.04	1.37
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	20	1.38	0.32	1.27
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	20	1.38	0.32	1.27
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	20	1.38	0.38	1.23
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	20	1.38	0.38	1.23
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	20	1.38	0.38	1.23
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	20	1.38	0.38	1.23
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	20	1.38	0.16	1.38
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	20	1.38	0.16	1.38
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	20	1.38	0.16	1.38
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	20	1.38	0.08	1.36
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	20	1.38	0.08	1.36
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	20	1.38	0.08	1.36
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	20	1.38	0.08	1.38
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	20	1.37	0.08	1.4
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	20	1.37	0.08	1.4
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	20	1.37	0.08	1.4
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	20	1.37	0.1	1.38

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	20	1.37	0.1	1.38
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	20	1.37	0.1	1.38
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	20	1.37	0.17	1.34
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	20	1.37	0.17	1.34
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	20	1.37	0.05	1.35
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	20	1.37	0.05	1.35
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	20	1.37	0.05	1.35
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	20	1.37	0.05	1.35
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	20	1.37	0.05	1.35
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	20	1.37	0.05	1.35
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	20	1.37	0.26	1.35
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	20	1.37	0.26	1.35
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	20	1.37	0.23	1.3
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	20	1.37	0.23	1.3
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	20	1.37	0.03	1.37
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	20	1.37	0.03	1.37
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	20	1.37	0.03	1.37
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	20	1.37	0.08	1.38
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	20	1.37	0.08	1.38
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	20	1.37	0.08	1.38
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	20	1.37	0.37	1.36
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	20	1.37	0.37	1.36
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	20	1.37	0.11	1.4
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	20	1.37	0.11	1.4
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	20	1.37	0.08	1.35
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	20	1.37	0.08	1.35
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	20	1.37	0.08	1.35
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	20	1.36	0.09	1.38
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	20	1.36	0.09	1.38
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	20	1.36	0.09	1.38
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	20	1.36	0.03	1.36
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	20	1.36	0.03	1.36
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	20	1.36	0.03	1.36
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	20	1.36	0.08	1.36
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	20	1.36	0.08	1.36
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	20	1.36	0.08	1.36
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	20	1.36	0.09	1.38
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	20	1.36	0.09	1.38
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	20	1.36	0.09	1.38
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	20	1.36	0.08	1.34
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	20	1.36	0.08	1.34
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	20	1.36	0.1	1.34

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	20	1.36	0.1	1.34
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	20	1.36	0.1	1.34
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	20	1.36	0.25	1.33
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	20	1.36	0.25	1.33
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	20	1.36	0.25	1.33
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	20	1.36	0.03	1.36
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	20	1.36	0.03	1.36
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	20	1.36	0.03	1.36
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	20	1.36	0.08	1.37
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	20	1.36	0.08	1.37
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	20	1.36	0.08	1.37
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	20	1.36	0.25	1.34
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	20	1.36	0.16	1.38
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	20	1.36	0.16	1.38
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	20	1.36	0.16	1.38
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	20	1.36	0.37	1.59
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	20	1.36	0.37	1.59
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	20	1.36	0.37	1.59
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	20	1.36	0.17	1.4
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	20	1.36	0.17	1.4
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	20	1.36	0.17	1.4
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	20	1.36	0.07	1.34
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	20	1.36	0.07	1.34
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	20	1.36	0.07	1.34
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	20	1.36	0.18	1.42
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	20	1.36	0.18	1.42
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	20	1.36	0.18	1.42
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	20	1.36	0.05	1.35
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	20	1.36	0.07	1.37
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	20	1.36	0.07	1.37
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	20	1.36	0.07	1.37
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	20	1.36	0.03	1.36
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	20	1.36	0.03	1.36
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	20	1.36	0.13	1.34
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	20	1.36	0.14	1.38
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	20	1.36	0.14	1.38
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	20	1.36	0.14	1.38
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	20	1.36	0.09	1.34
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	20	1.36	0.16	1.42
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	20	1.36	0.16	1.42
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	20	1.35	0.11	1.32
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	20	1.35	0.11	1.32

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	20	1.35	0.11	1.32
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	20	1.35	0.09	1.35
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	20	1.35	0.09	1.35
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	20	1.35	0.03	1.35
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	20	1.35	0.03	1.35
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	20	1.35	0.03	1.35
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	20	1.35	0.13	1.34
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	20	1.35	0.13	1.34
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	20	1.35	0.13	1.34
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	20	1.35	0.08	1.35
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	20	1.35	0.08	1.35
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	20	1.35	0.08	1.35
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	20	1.35	0.08	1.35
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	20	1.35	0.08	1.35
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	20	1.35	0.08	1.35
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	20	1.35	0.09	1.37
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	20	1.35	0.06	1.34
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	20	1.35	0.06	1.34
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	20	1.35	0.13	1.31
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	20	1.35	0.13	1.31
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	20	1.35	0.13	1.31
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	20	1.35	0.13	1.31
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	20	1.35	0.13	1.31
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	20	1.35	0.13	1.31
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	20	1.35	0.14	1.33
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	20	1.35	0.14	1.33
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	20	1.35	0.03	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	20	1.35	0.03	1.34
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	20	1.35	0.03	1.35
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	20	1.35	0.03	1.35
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	20	1.35	0.15	1.35
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	20	1.35	0.15	1.35
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	20	1.35	0.24	1.38
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	20	1.35	0.24	1.38
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	20	1.35	0.24	1.38
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	20	1.35	0.24	1.38
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	20	1.35	0.14	1.4
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	20	1.35	0.14	1.4
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	20	1.35	0.27	1.28
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	20	1.35	0.24	1.28
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	20	1.35	0.24	1.28
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	20	1.35	0.15	1.4

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	20	1.35	0.15	1.4
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	20	1.35	0.15	1.4
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	20	1.35	0.25	1.33
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	20	1.35	0.25	1.33
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	20	1.35	0.25	1.33
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	20	1.35	0.29	1.4
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	20	1.35	0.29	1.4
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	20	1.35	0.33	1.25
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	20	1.35	0.33	1.25
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	20	1.35	0.13	1.33
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	20	1.35	0.13	1.33
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	20	1.35	0.13	1.33
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	20	1.34	0.04	1.34
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	20	1.34	0.04	1.34
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	20	1.34	0.04	1.34
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	20	1.34	0.07	1.32
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	20	1.34	0.07	1.32
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	20	1.34	0.16	1.32
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	20	1.34	0.16	1.32
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	20	1.34	0.22	1.4
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	20	1.34	0.22	1.4
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	20	1.34	0.08	1.34
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	20	1.34	0.08	1.34
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	20	1.34	0.08	1.34
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	20	1.34	0.18	1.34
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	20	1.34	0.18	1.34
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	20	1.34	0.13	1.35
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	20	1.34	0.21	1.31
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	20	1.34	0.21	1.31
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	20	1.34	0.15	1.38
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	20	1.34	0.15	1.38
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	20	1.34	0.13	1.35
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	20	1.34	0.1	1.33
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	20	1.34	0.1	1.33
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	20	1.34	0.1	1.33
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	20	1.34	0.09	1.35
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	20	1.34	0.09	1.35
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	20	1.34	0.12	1.31
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	20	1.34	0.12	1.31
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	20	1.33	0.2	1.33
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	20	1.33	0.2	1.33
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	20	1.33	0.19	1.25

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	20	1.33	0.19	1.25
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	20	1.33	0.01	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	20	1.33	0.01	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	20	1.33	0.01	1.33
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	20	1.33	0.05	1.33
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	20	1.33	0.05	1.33
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	20	1.33	0.05	1.33
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	20	1.33	0.11	1.32
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	20	1.33	0.11	1.32
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	20	1.33	0.16	1.34
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	20	1.33	0.16	1.34
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	20	1.33	0.16	1.34
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	20	1.33	0.06	1.34
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	20	1.33	0.06	1.34
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	20	1.33	0.06	1.34
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	20	1.33	0.07	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	20	1.33	0.02	1.33
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	20	1.33	0.02	1.33
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	20	1.33	0.02	1.33
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	20	1.33	0.57	1.09
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	20	1.33	0.57	1.09
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	20	1.33	0.12	1.34
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	20	1.33	0.23	1.33
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	20	1.33	0.23	1.33
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	20	1.33	0.23	1.33
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	20	1.33	0.23	1.33
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	20	1.33	0.23	1.33
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	20	1.33	0.23	1.33
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	20	1.33	0.05	1.33
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	20	1.33	0.13	1.34
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	20	1.33	0.23	1.35
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	20	1.33	0.23	1.35
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	20	1.33	0.03	1.33
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	20	1.33	0.36	1.41
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	20	1.33	0.36	1.41
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	20	1.33	0.36	1.41
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	20	1.32	0.12	1.37
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	20	1.32	0.12	1.37
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	20	1.32	0.42	1.4
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	20	1.32	0.42	1.4
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	20	1.32	0.18	1.31
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	20	1.32	0.18	1.31

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	20	1.32	0.18	1.31
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	20	1.32	0.18	1.31
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	20	1.32	0.02	1.32
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	20	1.32	0.02	1.32
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	20	1.32	0.02	1.32
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	20	1.32	0.1	1.33
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	20	1.32	0.13	1.34
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	20	1.32	0.13	1.34
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	20	1.32	0.13	1.34
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	20	1.32	0.36	1.36
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	20	1.32	0.36	1.36
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	20	1.32	0.22	1.39
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	20	1.32	0.22	1.39
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	20	1.32	0.22	1.39
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	20	1.32	0.12	1.31
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	20	1.32	0.12	1.31
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	20	1.32	0.11	1.35
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	20	1.32	0.11	1.35
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	20	1.32	0.15	1.33
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	20	1.32	0.15	1.33
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	20	1.32	0.3	1.26
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	20	1.32	0.3	1.26
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	20	1.32	0.3	1.26
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	20	1.32	0.3	1.26
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	20	1.32	0.3	1.26
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	20	1.32	0.3	1.26
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	20	1.31	0.25	1.28
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	20	1.31	0.25	1.28
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	20	1.31	0.25	1.28
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	20	1.31	0.13	1.3
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	20	1.31	0.13	1.3
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	20	1.31	0.51	1.44
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	20	1.31	0.04	1.32
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	20	1.31	0.04	1.32
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	20	1.31	0.12	1.29
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	20	1.31	0.12	1.29
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	20	1.31	0.12	1.29
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	20	1.31	0.06	1.32
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	20	1.31	0.06	1.32
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	20	1.31	0.08	1.3
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	20	1.31	0.08	1.3
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	20	1.31	0.08	1.3

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	20	1.31	0.31	1.31
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	20	1.31	0.31	1.31
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	20	1.31	0.14	1.32
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	20	1.31	0.14	1.32
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	20	1.31	0.14	1.32
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	20	1.31	0.33	1.36
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	20	1.31	0.33	1.36
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	20	1.31	0.03	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	20	1.31	0.03	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	20	1.31	0.03	1.32
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	20	1.3	0.2	1.27
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	20	1.3	0.2	1.27
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	20	1.3	0.2	1.27
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	20	1.3	0.06	1.31
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	20	1.3	0.11	1.26
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	20	1.3	0.11	1.26
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	20	1.3	0.11	1.26
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	20	1.3	0.1	1.28
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	20	1.3	0.1	1.28
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	20	1.3	0.1	1.28
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	20	1.3	0.13	1.32
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	20	1.3	0.17	1.34
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	20	1.3	0.17	1.34
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	20	1.3	0.17	1.34
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	20	1.3	0.13	1.31
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	20	1.3	0.13	1.31
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	20	1.3	0.1	1.32
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	20	1.3	0.02	1.3
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	20	1.3	0.37	1.2
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	20	1.3	0.37	1.2
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	20	1.3	0.13	1.29
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	20	1.3	0.13	1.29
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	20	1.3	0.13	1.29
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	20	1.3	0.25	1.34
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	20	1.3	0.25	1.34
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	20	1.3	0.12	1.3
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	20	1.3	0.12	1.3
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	20	1.3	0.12	1.3
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	20	1.3	0.02	1.29
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	20	1.3	0.1	1.3
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	20	1.29	0.52	1.23
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	20	1.29	0.06	1.27

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	20	1.29	0.06	1.27
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	20	1.29	0.07	1.3
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	20	1.29	0.07	1.3
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	20	1.29	0.47	1.38
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	20	1.29	0.47	1.38
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	20	1.29	0.03	1.3
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	20	1.29	0.03	1.3
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	20	1.29	0.17	1.29
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	20	1.29	0.17	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	20	1.29	0.06	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	20	1.29	0.06	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	20	1.29	0.06	1.29
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	20	1.29	0.33	1.15
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	20	1.29	0.33	1.15
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	20	1.29	0.33	1.15
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	20	1.29	0.05	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	20	1.29	0.05	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	20	1.29	0.05	1.29
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	20	1.29	0.04	1.3
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	20	1.29	0.04	1.3
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	20	1.29	0.04	1.29
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	20	1.29	0.1	1.29
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	20	1.29	0.1	1.29
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	20	1.29	0.1	1.29
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	20	1.29	0.19	1.23
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	20	1.29	0.19	1.23
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	20	1.29	0.19	1.23
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	20	1.29	0.25	1.33
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	20	1.29	0.09	1.28
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	20	1.29	0.09	1.28
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	20	1.29	0.09	1.28
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	20	1.29	0.11	1.3
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	20	1.29	0.11	1.3
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	20	1.29	0.11	1.3
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	20	1.29	0.13	1.28
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	20	1.29	0.13	1.28
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	20	1.29	0.13	1.28
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	20	1.28	0.06	1.28
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	20	1.28	0.24	1.29
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	20	1.28	0.24	1.29
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	20	1.28	0.24	1.29
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	20	1.28	0.08	1.31

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	20	1.28	0.16	1.29
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	20	1.28	0.16	1.29
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	20	1.28	0.15	1.25
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	20	1.28	0.15	1.25
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	20	1.28	0.15	1.25
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	20	1.28	0.08	1.27
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	20	1.28	0.08	1.27
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	20	1.28	0.08	1.27
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	20	1.28	0.1	1.31
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	20	1.28	0.1	1.31
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	20	1.28	0.1	1.31
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	20	1.28	0.11	1.27
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	20	1.28	0.11	1.27
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	20	1.28	0.02	1.27
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	20	1.28	0.08	1.28
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	20	1.28	0.08	1.28
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	20	1.28	0.08	1.28
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	20	1.28	0.04	1.27
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	20	1.28	0.04	1.27
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	20	1.28	0.04	1.27
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	20	1.28	0.13	1.31
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	20	1.28	0.13	1.31
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	20	1.28	0.13	1.31
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	20	1.28	0.07	1.27
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	20	1.28	0.07	1.27
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	20	1.28	0.07	1.27
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	20	1.28	0.07	1.27
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	20	1.28	0.07	1.27
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	20	1.28	0.07	1.27
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	20	1.28	0.41	1.14
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	20	1.28	0.41	1.14
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	20	1.28	0.41	1.14
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	20	1.28	0.01	1.28
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	20	1.28	0.42	1.12
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	20	1.28	0.42	1.12
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	20	1.28	0.42	1.12
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	20	1.28	0.03	1.28
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	20	1.28	0.04	1.29
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	20	1.28	0.11	1.28
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	20	1.28	0.11	1.28
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	20	1.28	0.11	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	20	1.28	0.01	1.28

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	20	1.28	0.01	1.28
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	20	1.27	0.08	1.27
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	20	1.27	0.08	1.27
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	20	1.27	0.08	1.27
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	20	1.27	0.17	1.31
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	20	1.27	0.17	1.31
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	20	1.27	0.17	1.31
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	20	1.27	0.17	1.31
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	20	1.27	0.06	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	20	1.27	0.06	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	20	1.27	0.06	1.29
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	20	1.27	0.05	1.28
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	20	1.27	0.05	1.28
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	20	1.27	0.05	1.28
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	20	1.27	0.09	1.23
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	20	1.27	0.09	1.23
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	20	1.27	0.09	1.23
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	20	1.27	0.26	1.23
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	20	1.27	0.26	1.23
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	20	1.27	0.08	1.27
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	20	1.27	0.08	1.27
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	20	1.27	0.08	1.27
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	20	1.27	0.18	1.23
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	20	1.27	0.18	1.23
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	20	1.27	0.13	1.27
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	20	1.27	0.09	1.25
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	20	1.27	0.34	1.37
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	20	1.27	0.34	1.37
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	20	1.27	0.19	1.33
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	20	1.27	0.19	1.33
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	20	1.27	0.19	1.33
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	20	1.27	0.09	1.28
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	20	1.27	0.09	1.28
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	20	1.27	0.09	1.28
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	20	1.27	0.15	1.22
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	20	1.27	0.15	1.22
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	20	1.27	0.15	1.22
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	20	1.27	0.07	1.26
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	20	1.27	0.07	1.26
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	20	1.27	0.04	1.26
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	20	1.27	0.04	1.26
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	20	1.27	0.15	1.29

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	20	1.27	0.15	1.29
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	20	1.27	0.15	1.29
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	20	1.27	0.15	1.29
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	20	1.27	0.22	1.32
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	20	1.27	0.05	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	20	1.27	0.05	1.28
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	20	1.26	0.13	1.27
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	20	1.26	0.13	1.27
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	20	1.26	0.17	1.27
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	20	1.26	0.17	1.27
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	20	1.26	0.17	1.27
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	20	1.26	0.4	1.19
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	20	1.26	0.4	1.19
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	20	1.26	0.02	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	20	1.26	0.02	1.26
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	20	1.26	0.08	1.23
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	20	1.26	0.08	1.23
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	20	1.26	0.08	1.23
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	20	1.26	0.06	1.26
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	20	1.26	0.06	1.26
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	20	1.26	0.06	1.26
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	20	1.26	0.06	1.27
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	20	1.26	0.06	1.27
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	20	1.26	0.1	1.25
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	20	1.26	0.1	1.25
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	20	1.26	0.1	1.25
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	20	1.26	0.54	1.5
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	20	1.26	0.31	1.42
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	20	1.26	0.31	1.42
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	20	1.26	0.13	1.24
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	20	1.26	0.13	1.24
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	20	1.26	0.13	1.24
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	20	1.26	0.11	1.25
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	20	1.26	0.11	1.25
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	20	1.26	0.16	1.28
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	20	1.26	0.16	1.28
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	20	1.26	0.14	1.23
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	20	1.26	0.24	1.23
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	20	1.26	0.24	1.23
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	20	1.26	0.04	1.25
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	20	1.26	0.04	1.25
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	20	1.26	0.04	1.25

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	20	1.26	0.14	1.27
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	20	1.26	0.14	1.27
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	20	1.25	0.07	1.26
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	20	1.25	0.07	1.26
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	20	1.25	0.03	1.25
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	20	1.25	0.03	1.25
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	20	1.25	0.37	1.05
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	20	1.25	0.37	1.05
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	20	1.25	0.0	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	20	1.25	0.0	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	20	1.25	0.0	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	20	1.25	0.01	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	20	1.25	0.01	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	20	1.25	0.01	1.26
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	20	1.25	0.6	1.54
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	20	1.25	0.1	1.23
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	20	1.25	0.07	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	20	1.25	0.01	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	20	1.25	0.01	1.25
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	20	1.25	0.29	1.23
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	20	1.25	0.29	1.23
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	20	1.25	0.09	1.21
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	20	1.25	0.09	1.21
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	20	1.25	0.08	1.24
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	20	1.25	0.08	1.24
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	20	1.25	0.08	1.24
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	20	1.25	0.1	1.23
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	20	1.25	0.1	1.23
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	20	1.25	0.05	1.24
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	20	1.25	0.05	1.24
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	20	1.25	0.05	1.24
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	20	1.25	0.14	1.24
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	20	1.25	0.07	1.25
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	20	1.25	0.07	1.25
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	20	1.25	0.07	1.25
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	20	1.25	0.07	1.27
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	20	1.25	0.06	1.25
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	20	1.25	0.06	1.25
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	20	1.25	0.06	1.25
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	20	1.25	0.68	1.05
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	20	1.25	0.68	1.05
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	20	1.25	0.44	1.14

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	20	1.25	0.44	1.14
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	20	1.25	0.08	1.26
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	20	1.25	0.08	1.26
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	20	1.25	0.08	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	20	1.24	0.02	1.24
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	20	1.24	0.02	1.24
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	20	1.24	0.02	1.24
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	20	1.24	0.03	1.25
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	20	1.24	0.28	1.35
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	20	1.24	0.28	1.35
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	20	1.24	0.13	1.23
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	20	1.24	0.13	1.23
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	20	1.24	0.13	1.23
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	20	1.24	0.28	1.13
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	20	1.24	0.28	1.13
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	20	1.24	0.28	1.13
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	20	1.24	0.28	1.13
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	20	1.24	0.28	1.13
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	20	1.24	0.28	1.13
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	20	1.24	0.23	1.27
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	20	1.24	0.23	1.27
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	20	1.24	0.15	1.27
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	20	1.24	0.15	1.27
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	20	1.24	0.1	1.23
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	20	1.24	0.1	1.23
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	20	1.24	0.1	1.23
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	20	1.24	0.14	1.25
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	20	1.24	0.14	1.25
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	20	1.24	0.14	1.25
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	20	1.24	0.02	1.23
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	20	1.24	0.02	1.23
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	20	1.24	0.07	1.27
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	20	1.24	0.07	1.27
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	20	1.24	0.07	1.27
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	20	1.24	0.05	1.23
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	20	1.24	0.09	1.25
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	20	1.24	0.09	1.25
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	20	1.24	0.09	1.25
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	20	1.24	0.16	1.24
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	20	1.24	0.12	1.25
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	20	1.24	0.12	1.25
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	20	1.24	0.12	1.25

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	20	1.24	0.13	1.21
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	20	1.24	0.13	1.21
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	20	1.24	0.13	1.21
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	20	1.23	0.06	1.25
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	20	1.23	0.06	1.23
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	20	1.23	0.06	1.23
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	20	1.23	0.06	1.23
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	20	1.23	0.13	1.24
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	20	1.23	0.13	1.24
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	20	1.23	0.13	1.24
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	20	1.23	0.03	1.23
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	20	1.23	0.03	1.23
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	20	1.23	0.05	1.25
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	20	1.23	0.05	1.25
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	20	1.23	0.05	1.25
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	20	1.23	0.07	1.24
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	20	1.23	0.1	1.24
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	20	1.23	0.1	1.24
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	20	1.23	0.1	1.24
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	20	1.23	0.2	1.23
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	20	1.23	0.2	1.23
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	20	1.23	0.2	1.23
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	20	1.23	0.19	1.27
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	20	1.23	0.38	1.51
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	20	1.23	0.38	1.51
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	20	1.23	0.38	1.51
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	20	1.23	0.02	1.23
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	20	1.23	0.1	1.23
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	20	1.23	0.04	1.23
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	20	1.23	0.03	1.22
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	20	1.23	0.12	1.2
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	20	1.23	0.12	1.2
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	20	1.23	0.08	1.23
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	20	1.23	0.08	1.23
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	20	1.23	0.08	1.23
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	20	1.23	0.08	1.23
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	20	1.23	0.14	1.22
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	20	1.23	0.14	1.22
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	20	1.23	0.14	1.22
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	20	1.23	0.19	1.23
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	20	1.23	0.19	1.23
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	20	1.23	0.19	1.23

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	20	1.23	0.19	1.3
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	20	1.23	0.19	1.3
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	20	1.23	0.15	1.18
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	20	1.23	0.15	1.18
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	20	1.23	0.15	1.18
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	20	1.23	0.11	1.22
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	20	1.23	0.11	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	20	1.23	0.01	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	20	1.23	0.01	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	20	1.23	0.01	1.23
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	20	1.23	0.11	1.21
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	20	1.23	0.11	1.21
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	20	1.23	0.08	1.23
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	20	1.23	0.08	1.23
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	20	1.23	0.08	1.23
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	20	1.23	0.13	1.23
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	20	1.23	0.13	1.23
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	20	1.23	0.13	1.23
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	20	1.23	0.14	1.23
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	20	1.23	0.14	1.23
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	20	1.23	0.14	1.23
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	20	1.23	0.06	1.21
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	20	1.23	0.14	1.26
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	20	1.23	0.14	1.26
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	20	1.22	0.04	1.23
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	20	1.22	0.04	1.23
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	20	1.22	0.22	1.1
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	20	1.22	0.22	1.1
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	20	1.22	0.22	1.1
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	20	1.22	0.2	1.27
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	20	1.22	0.2	1.27
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	20	1.22	0.2	1.27
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	20	1.22	0.2	1.27
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	20	1.22	0.2	1.27
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	20	1.22	0.2	1.27
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	20	1.22	0.27	1.22
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	20	1.22	0.27	1.22
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	20	1.22	0.27	1.22
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	20	1.22	0.25	1.19
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	20	1.22	0.25	1.19
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	20	1.22	0.09	1.24
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	20	1.22	0.09	1.24

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	20	1.22	0.09	1.24
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	20	1.22	0.09	1.21
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	20	1.22	0.09	1.21
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	20	1.22	0.12	1.23
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	20	1.22	0.12	1.23
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	20	1.22	0.12	1.23
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	20	1.22	0.04	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	20	1.22	0.03	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	20	1.22	0.03	1.22
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	20	1.22	0.17	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	20	1.22	0.17	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	20	1.22	0.17	1.17
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	20	1.22	0.12	1.23
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	20	1.22	0.12	1.23
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	20	1.22	0.12	1.23
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	20	1.22	0.04	1.2
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	20	1.22	0.04	1.2
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	20	1.22	0.04	1.2
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	20	1.22	0.12	1.24
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	20	1.22	0.12	1.24
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	20	1.22	0.12	1.24
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	20	1.22	0.21	1.25
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	20	1.22	0.21	1.25
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	20	1.22	0.21	1.25
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	20	1.22	0.02	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	20	1.22	0.02	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	20	1.22	0.02	1.21
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	20	1.22	0.11	1.18
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	20	1.22	0.11	1.18
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	20	1.22	0.11	1.18
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	20	1.22	0.14	1.21
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	20	1.22	0.14	1.21
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	20	1.22	0.14	1.21
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	20	1.22	0.09	1.21
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	20	1.21	0.06	1.21
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	20	1.21	0.09	1.23
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	20	1.21	0.16	1.2
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	20	1.21	0.16	1.2
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	20	1.21	0.09	1.18
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	20	1.21	0.09	1.18
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	20	1.21	0.09	1.18
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	20	1.21	0.02	1.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	20	1.21	0.02	1.21
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	20	1.21	0.28	1.12
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	20	1.21	0.28	1.12
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	20	1.21	0.02	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	20	1.21	0.02	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	20	1.21	0.02	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	20	1.21	0.02	1.21
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	20	1.21	0.11	1.19
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	20	1.21	0.37	1.17
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	20	1.21	0.37	1.17
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	20	1.21	0.01	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	20	1.21	0.01	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	20	1.21	0.01	1.21
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	20	1.21	0.14	1.21
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	20	1.21	0.2	1.25
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	20	1.21	0.2	1.25
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	20	1.21	0.38	1.34
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	20	1.21	0.38	1.34
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	20	1.21	0.07	1.19
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	20	1.21	0.04	1.2
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	20	1.21	0.18	1.24
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	20	1.21	0.18	1.24
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	20	1.2	0.01	1.2
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	20	1.2	0.01	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	20	1.2	0.01	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	20	1.2	0.01	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	20	1.2	0.01	1.2
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	20	1.2	0.06	1.23
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	20	1.2	0.06	1.23
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	20	1.2	0.07	1.23
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	20	1.2	0.02	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	20	1.2	0.02	1.2
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	20	1.2	0.15	1.23
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	20	1.2	0.15	1.23
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	20	1.2	0.15	1.21
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	20	1.2	0.15	1.21
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	20	1.2	0.15	1.21
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	20	1.2	0.04	1.2
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	20	1.2	0.04	1.2
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	20	1.2	0.32	1.44
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	20	1.2	0.32	1.44
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	20	1.2	0.32	1.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	20	1.2	0.03	1.19
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	20	1.2	0.11	1.24
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	20	1.2	0.11	1.24
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	20	1.2	0.09	1.18
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	20	1.2	0.05	1.19
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	20	1.2	0.05	1.19
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	20	1.2	0.05	1.19
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	20	1.2	0.13	1.2
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	20	1.2	0.13	1.2
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	20	1.2	0.28	1.2
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	20	1.2	0.23	1.21
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	20	1.19	0.3	1.35
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	20	1.19	0.3	1.35
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	20	1.19	0.07	1.2
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	20	1.19	0.02	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	20	1.19	0.02	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	20	1.19	0.02	1.18
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	20	1.19	0.07	1.17
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	20	1.19	0.07	1.17
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	20	1.19	0.07	1.17
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	20	1.19	0.07	1.17
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	20	1.19	0.11	1.17
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	20	1.19	0.11	1.17
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	20	1.19	0.01	1.19
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	20	1.19	0.01	1.19
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	20	1.19	0.21	1.12
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	20	1.19	0.21	1.12
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	20	1.19	0.02	1.19
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	20	1.19	0.02	1.19
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	20	1.19	0.02	1.19
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	20	1.19	0.1	1.16
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	20	1.19	0.1	1.16
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	20	1.19	0.1	1.16
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	20	1.19	0.06	1.18
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	20	1.19	0.06	1.18
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	20	1.19	0.06	1.18
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	20	1.18	0.08	1.16
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	20	1.18	0.08	1.16
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	20	1.18	0.07	1.19
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	20	1.18	0.21	1.17
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	20	1.18	0.21	1.17
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	20	1.18	0.01	1.18

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	20	1.18	0.01	1.18
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	20	1.18	0.01	1.18
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	20	1.18	0.06	1.18
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	20	1.18	0.08	1.13
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	20	1.18	0.06	1.16
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	20	1.18	0.04	1.17
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	20	1.18	0.14	1.18
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	20	1.18	0.14	1.18
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	20	1.18	0.14	1.18
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	20	1.18	0.04	1.19
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	20	1.18	0.11	1.2
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	20	1.18	0.11	1.2
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	20	1.18	0.11	1.2
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	20	1.18	0.2	1.15
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	20	1.18	0.2	1.15
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	20	1.18	0.02	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	20	1.18	0.02	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	20	1.18	0.02	1.18
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	20	1.18	0.15	1.16
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	20	1.18	0.15	1.16
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	20	1.18	0.1	1.21
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	20	1.18	0.1	1.21
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	20	1.18	0.02	1.18
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	20	1.18	0.02	1.18
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	20	1.18	0.02	1.18
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	20	1.18	0.11	1.17
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	20	1.18	0.11	1.17
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	20	1.18	0.11	1.17
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	20	1.18	0.13	1.18
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	20	1.18	0.13	1.18
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	20	1.18	0.13	1.18
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	20	1.18	0.13	1.18
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	20	1.18	0.13	1.18
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	20	1.18	0.13	1.18
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	20	1.18	0.12	1.14
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	20	1.18	0.12	1.14
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	20	1.18	0.16	1.19
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	20	1.18	0.16	1.19
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	20	1.18	0.06	1.17
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	20	1.18	0.06	1.17
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	20	1.18	0.06	1.17
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	20	1.18	0.06	1.17

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	20	1.18	0.06	1.17
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	20	1.18	0.06	1.17
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	20	1.18	0.11	1.18
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	20	1.18	0.11	1.18
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	20	1.18	0.11	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	20	1.17	0.02	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	20	1.17	0.02	1.18
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	20	1.17	0.11	1.17
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	20	1.17	0.05	1.17
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	20	1.17	0.11	1.17
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	20	1.17	0.11	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	20	1.17	0.01	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	20	1.17	0.01	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	20	1.17	0.01	1.17
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	20	1.17	0.07	1.19
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	20	1.17	0.07	1.19
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	20	1.17	0.01	1.17
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	20	1.17	0.01	1.17
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	20	1.17	0.01	1.17
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	20	1.17	0.1	1.13
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	20	1.17	0.1	1.13
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	20	1.17	0.1	1.17
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	20	1.17	0.11	1.17
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	20	1.17	0.11	1.17
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	20	1.17	0.11	1.17
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	20	1.17	0.11	1.16
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	20	1.17	0.08	1.16
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	20	1.17	0.08	1.16
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	20	1.17	0.08	1.16
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	20	1.17	0.09	1.13
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	20	1.17	0.04	1.17
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	20	1.17	0.1	1.13
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	20	1.17	0.1	1.13
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	20	1.17	0.1	1.13
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	20	1.17	0.12	1.13
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	20	1.17	0.12	1.13
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	20	1.17	0.12	1.13
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	20	1.17	0.03	1.17
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	20	1.17	0.03	1.17
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	20	1.17	0.2	1.15
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	20	1.17	0.2	1.15
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	20	1.17	0.07	1.19

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	20	1.17	0.07	1.19
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	20	1.17	0.22	1.16
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	20	1.17	0.22	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	20	1.17	0.09	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	20	1.17	0.09	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	20	1.17	0.09	1.16
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	20	1.17	0.04	1.16
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	20	1.17	0.04	1.16
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	20	1.17	0.07	1.16
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	20	1.17	0.07	1.16
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	20	1.17	0.07	1.16
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	20	1.17	0.07	1.16
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	20	1.17	0.07	1.16
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	20	1.17	0.07	1.16
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	20	1.16	0.02	1.16
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	20	1.16	0.06	1.16
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	20	1.16	0.11	1.15
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	20	1.16	0.14	1.17
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	20	1.16	0.14	1.17
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	20	1.16	0.14	1.17
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	20	1.16	0.14	1.12
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	20	1.16	0.14	1.12
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	20	1.16	0.14	1.12
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	20	1.16	0.05	1.15
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	20	1.16	0.03	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	20	1.16	0.03	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	20	1.16	0.03	1.16
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	20	1.16	0.15	1.15
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	20	1.16	0.23	1.16
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	20	1.16	0.23	1.16
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	20	1.16	0.23	1.16
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	20	1.16	0.14	1.17
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	20	1.16	0.14	1.17
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	20	1.16	0.14	1.17
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	20	1.16	0.29	1.14
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	20	1.16	0.2	1.18
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	20	1.16	0.18	1.21
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	20	1.16	0.18	1.21
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	20	1.16	0.08	1.17
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	20	1.16	0.07	1.16
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	20	1.16	0.12	1.15
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	20	1.16	0.12	1.15

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	20	1.16	0.24	1.14
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	20	1.16	0.05	1.16
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	20	1.15	0.14	1.14
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	20	1.15	0.14	1.14
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	20	1.15	0.14	1.14
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	20	1.15	0.14	1.14
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	20	1.15	0.14	1.14
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	20	1.15	0.14	1.14
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	20	1.15	0.15	1.14
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	20	1.15	0.15	1.14
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	20	1.15	0.15	1.14
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	20	1.15	0.18	1.2
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	20	1.15	0.18	1.2
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	20	1.15	0.04	1.15
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	20	1.15	0.12	1.17
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	20	1.15	0.08	1.17
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	20	1.15	0.04	1.16
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	20	1.15	0.02	1.15
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	20	1.15	0.02	1.15
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	20	1.15	0.02	1.15
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	20	1.15	0.37	1.06
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	20	1.15	0.37	1.06
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	20	1.15	0.17	1.19
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	20	1.15	0.17	1.19
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	20	1.15	0.17	1.19
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	20	1.15	0.07	1.14
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	20	1.15	0.07	1.14
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	20	1.15	0.07	1.14
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	20	1.15	0.12	1.13
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	20	1.15	0.12	1.13
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	20	1.15	0.12	1.13
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	20	1.15	0.08	1.15
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	20	1.15	0.08	1.15
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	20	1.15	0.08	1.15
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	20	1.15	0.26	1.0
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	20	1.15	0.26	1.0
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	20	1.15	0.13	1.15
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	20	1.15	0.13	1.15
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	20	1.15	0.05	1.14
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	20	1.15	0.05	1.14
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	20	1.14	0.16	1.17
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	20	1.14	0.16	1.17

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	20	1.14	0.16	1.17
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	20	1.14	0.13	1.13
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	20	1.14	0.13	1.13
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	20	1.14	0.13	1.13
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	20	1.14	0.15	1.16
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	20	1.14	0.15	1.16
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	20	1.14	0.3	1.09
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	20	1.14	0.3	1.09
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	20	1.14	0.07	1.15
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	20	1.14	0.07	1.15
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	20	1.14	0.07	1.15
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	20	1.14	0.13	1.17
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	20	1.14	0.13	1.17
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	20	1.14	0.13	1.17
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	20	1.14	0.08	1.14
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	20	1.14	0.1	1.14
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	20	1.14	0.1	1.14
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	20	1.14	0.1	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	20	1.14	0.02	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	20	1.14	0.02	1.14
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	20	1.14	0.04	1.13
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	20	1.14	0.04	1.13
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	20	1.14	0.04	1.13
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	20	1.14	0.08	1.15
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	20	1.14	0.08	1.15
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	20	1.14	0.09	1.16
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	20	1.14	0.09	1.16
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	20	1.14	0.22	1.16
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	20	1.14	0.14	1.15
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	20	1.14	0.14	1.15
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	20	1.13	0.03	1.14
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	20	1.13	0.03	1.14
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	20	1.13	0.03	1.14
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	20	1.13	0.08	1.12
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	20	1.13	0.08	1.12
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	20	1.13	0.08	1.12
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	20	1.13	0.1	1.12
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	20	1.13	0.1	1.12
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	20	1.13	0.1	1.12
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	20	1.13	0.68	0.98
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	20	1.13	0.01	1.13
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	20	1.13	0.01	1.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	20	1.13	0.01	1.13
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	20	1.13	0.11	1.13
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	20	1.13	0.11	1.13
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	20	1.13	0.11	1.13
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	20	1.13	0.27	1.13
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	20	1.13	0.13	1.16
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	20	1.13	0.13	1.16
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	20	1.13	0.13	1.16
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	20	1.13	0.28	0.99
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	20	1.13	0.28	0.99
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	20	1.13	0.12	1.12
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	20	1.13	0.12	1.12
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	20	1.13	0.12	1.12
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	20	1.13	0.07	1.12
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	20	1.13	0.07	1.12
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	20	1.13	0.24	1.09
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	20	1.13	0.24	1.09
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	20	1.12	0.02	1.13
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	20	1.12	0.02	1.13
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	20	1.12	0.02	1.13
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	20	1.12	0.16	1.13
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	20	1.12	0.07	1.13
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	20	1.12	0.5	1.06
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	20	1.12	0.5	1.06
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	20	1.12	0.5	1.06
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	20	1.12	0.5	1.06
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	20	1.12	0.5	1.06
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	20	1.12	0.5	1.06
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	20	1.12	0.1	1.13
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	20	1.12	0.1	1.13
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	20	1.12	0.1	1.13
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	20	1.12	0.11	1.14
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	20	1.12	0.11	1.14
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	20	1.12	0.11	1.14
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	20	1.12	0.05	1.12
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	20	1.12	0.05	1.12
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	20	1.12	0.05	1.12
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	20	1.12	0.31	1.27
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	20	1.12	0.31	1.27
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	20	1.12	0.05	1.12
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	20	1.12	0.05	1.12
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	20	1.12	0.05	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	20	1.12	0.21	1.12
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	20	1.12	0.21	1.12
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	20	1.12	0.07	1.12
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	20	1.12	0.07	1.12
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	20	1.12	0.07	1.12
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	20	1.12	0.35	1.06
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	20	1.12	0.35	1.06
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	20	1.12	0.25	1.13
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	20	1.12	0.25	1.13
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	20	1.12	0.07	1.11
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	20	1.12	0.07	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	20	1.12	0.02	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	20	1.12	0.02	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	20	1.12	0.02	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	20	1.12	0.02	1.11
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	20	1.12	0.12	1.08
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	20	1.12	0.12	1.08
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	20	1.11	0.1	1.19
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	20	1.11	0.1	1.19
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	20	1.11	0.01	1.12
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	20	1.11	0.01	1.12
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	20	1.11	0.11	1.12
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	20	1.11	0.12	1.11
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	20	1.11	0.12	1.11
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	20	1.11	0.07	1.1
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	20	1.11	0.11	1.08
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	20	1.11	0.11	1.08
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	20	1.11	0.09	1.1
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	20	1.11	0.09	1.1
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	20	1.11	0.09	1.1
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	20	1.11	0.09	1.1
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	20	1.11	0.09	1.1
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	20	1.11	0.07	1.12
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	20	1.11	0.07	1.12
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	20	1.11	0.18	1.08
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	20	1.11	0.18	1.08
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	20	1.11	0.18	1.08
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	20	1.11	0.06	1.12
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	20	1.11	0.06	1.12
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	20	1.11	0.12	1.08
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	20	1.11	0.12	1.08
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	20	1.11	0.14	1.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	20	1.11	0.14	1.12
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	20	1.11	0.03	1.1
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	20	1.11	0.03	1.1
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	20	1.11	0.03	1.1
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	20	1.11	0.09	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	20	1.11	0.02	1.11
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	20	1.11	0.02	1.11
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	20	1.11	0.02	1.11
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	20	1.11	0.06	1.1
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	20	1.11	0.06	1.1
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	20	1.1	0.05	1.1
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	20	1.1	0.05	1.1
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	20	1.1	0.05	1.1
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	20	1.1	0.07	1.1
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	20	1.1	0.04	1.11
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	20	1.1	0.04	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	20	1.1	0.04	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	20	1.1	0.04	1.1
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	20	1.1	0.14	1.13
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	20	1.1	0.08	1.12
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	20	1.1	0.08	1.12
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	20	1.1	0.19	1.07
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	20	1.1	0.19	1.07
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	20	1.1	0.06	1.09
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	20	1.1	0.06	1.09
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	20	1.1	0.1	1.12
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	20	1.1	0.1	1.12
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	20	1.1	0.1	1.12
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	20	1.1	0.1	1.12
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	20	1.1	0.1	1.12
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	20	1.1	0.1	1.12
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	20	1.1	0.46	0.92
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	20	1.1	0.46	0.92
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	20	1.1	0.03	1.09
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	20	1.1	0.06	1.1
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	20	1.1	0.06	1.1
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	20	1.1	0.71	0.95
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	20	1.1	0.08	1.12
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	20	1.1	0.13	1.03
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	20	1.1	0.13	1.03
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	20	1.1	0.13	1.03
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	20	1.1	0.14	1.1

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	20	1.1	0.25	1.04
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	20	1.1	0.25	1.04
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	20	1.1	0.25	1.04
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	20	1.1	0.41	1.16
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	20	1.1	0.09	1.07
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	20	1.1	0.07	1.08
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	20	1.1	0.07	1.08
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	20	1.1	0.07	1.08
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	20	1.1	0.29	1.15
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	20	1.1	0.29	1.15
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	20	1.1	0.29	1.15
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	20	1.1	0.04	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	20	1.1	0.04	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	20	1.1	0.04	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	20	1.1	0.04	1.1
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	20	1.1	0.11	1.08
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	20	1.1	0.12	1.06
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	20	1.1	0.12	1.06
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	20	1.1	0.12	1.06
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	20	1.1	0.05	1.08
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	20	1.1	0.05	1.08
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	20	1.1	0.31	1.1
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	20	1.1	0.31	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	20	1.1	0.04	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	20	1.1	0.04	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	20	1.1	0.04	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	20	1.1	0.02	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	20	1.1	0.02	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	20	1.1	0.02	1.1
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	20	1.1	0.23	1.11
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	20	1.1	0.23	1.11
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	20	1.1	0.15	1.13
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	20	1.1	0.15	1.13
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	20	1.1	0.13	1.12
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	20	1.09	0.08	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	20	1.09	0.08	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	20	1.09	0.08	1.04
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	20	1.09	0.04	1.08
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	20	1.09	0.04	1.08
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	20	1.09	0.04	1.08
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	20	1.09	0.33	0.94
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	20	1.09	0.09	1.08

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	20	1.09	0.09	1.08
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	20	1.09	0.23	1.08
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	20	1.09	0.12	1.06
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	20	1.09	0.12	1.06
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	20	1.09	0.12	1.06
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	20	1.09	0.02	1.09
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	20	1.09	0.02	1.09
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	20	1.09	0.12	1.05
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	20	1.09	0.12	1.05
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	20	1.09	0.12	1.05
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	20	1.09	0.12	1.05
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	20	1.09	0.06	1.1
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	20	1.09	0.1	1.07
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	20	1.09	0.1	1.07
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	20	1.09	0.1	1.07
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	20	1.09	0.16	1.08
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	20	1.09	0.16	1.08
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	20	1.09	0.74	0.84
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	20	1.09	0.74	0.84
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	20	1.09	0.07	1.09
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	20	1.09	0.07	1.09
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	20	1.09	0.07	1.09
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	20	1.09	0.05	1.08
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	20	1.09	0.05	1.08
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	20	1.09	0.05	1.08
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	20	1.09	0.21	1.08
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	20	1.09	0.21	1.08
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	20	1.09	0.15	1.1
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	20	1.09	0.15	1.1
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	20	1.09	0.11	1.06
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	20	1.09	0.34	1.04
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	20	1.09	0.08	1.08
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	20	1.09	0.11	1.1
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	20	1.09	0.11	1.1
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	20	1.09	0.11	1.1
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	20	1.09	0.29	1.15
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	20	1.09	0.29	1.15
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	20	1.09	0.29	1.15
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	20	1.09	0.2	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	20	1.09	0.16	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	20	1.09	0.16	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	20	1.09	0.16	1.08

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	20	1.09	0.16	1.08
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	20	1.09	0.16	1.08
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	20	1.09	0.16	1.08
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	20	1.09	0.07	1.1
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	20	1.09	0.07	1.1
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	20	1.09	0.07	1.1
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	20	1.09	0.34	0.98
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	20	1.09	0.34	0.98
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	20	1.08	0.03	1.08
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	20	1.08	0.03	1.08
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	20	1.08	0.09	1.08
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	20	1.08	0.58	1.06
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	20	1.08	0.58	1.06
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	20	1.08	0.06	1.07
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	20	1.08	0.06	1.07
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	20	1.08	0.06	1.07
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	20	1.08	0.31	0.98
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	20	1.08	0.31	0.98
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	20	1.08	0.31	0.98
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	20	1.08	0.06	1.08
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	20	1.08	0.06	1.08
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	20	1.08	0.06	1.08
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	20	1.08	0.04	1.08
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	20	1.08	0.04	1.08
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	20	1.08	0.04	1.08
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	20	1.08	0.03	1.08
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	20	1.08	0.29	1.12
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	20	1.08	0.29	1.12
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	20	1.08	0.06	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	20	1.08	0.1	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	20	1.08	0.1	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	20	1.08	0.1	1.08
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	20	1.08	0.07	1.05
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	20	1.08	0.07	1.05
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	20	1.08	0.07	1.05
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	20	1.08	0.24	1.13
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	20	1.08	0.24	1.13
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	20	1.08	0.02	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	20	1.08	0.02	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	20	1.08	0.02	1.07
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	20	1.08	0.17	1.09
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	20	1.08	0.17	1.09

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	20	1.08	0.17	1.09
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	20	1.08	0.02	1.07
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	20	1.08	0.16	1.09
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	20	1.08	0.16	1.09
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	20	1.08	0.16	1.09
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	20	1.08	0.16	1.09
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	20	1.08	0.16	1.09
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	20	1.08	0.16	1.09
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	20	1.08	0.45	0.88
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	20	1.08	0.45	0.88
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	20	1.08	0.53	0.86
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	20	1.08	0.53	0.86
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	20	1.07	0.14	1.04
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	20	1.07	0.14	1.04
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	20	1.07	0.14	1.04
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	20	1.07	0.14	1.04
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	20	1.07	0.14	1.04
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	20	1.07	0.14	1.04
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	20	1.07	0.08	1.06
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	20	1.07	0.03	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	20	1.07	0.03	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	20	1.07	0.03	1.07
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	20	1.07	0.1	1.08
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	20	1.07	0.1	1.08
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	20	1.07	0.1	1.08
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	20	1.07	0.44	1.14
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	20	1.07	0.26	1.02
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	20	1.07	0.26	1.02
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	20	1.07	0.02	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	20	1.07	0.02	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	20	1.07	0.02	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	20	1.07	0.01	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	20	1.07	0.01	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	20	1.07	0.01	1.07
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	20	1.07	0.05	1.08
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	20	1.07	0.05	1.08
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	20	1.07	0.05	1.08
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	20	1.07	0.05	1.08
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	20	1.07	0.11	1.07
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	20	1.07	0.09	1.04
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	20	1.07	0.09	1.04
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	20	1.07	0.45	0.82

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	20	1.07	0.45	0.82
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	20	1.07	0.03	1.07
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	20	1.07	0.03	1.07
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	20	1.07	0.22	0.99
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	20	1.07	0.22	0.99
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	20	1.07	0.11	1.02
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	20	1.07	0.11	1.02
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	20	1.06	0.09	1.08
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	20	1.06	0.29	1.11
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	20	1.06	0.29	1.11
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	20	1.06	0.3	1.06
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	20	1.06	0.3	1.06
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	20	1.06	0.05	1.06
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	20	1.06	0.05	1.06
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	20	1.06	0.05	1.06
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	20	1.06	0.05	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	20	1.06	0.01	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	20	1.06	0.01	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	20	1.06	0.01	1.07
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	20	1.06	0.03	1.06
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	20	1.06	0.03	1.06
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	20	1.06	0.1	1.06
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	20	1.06	0.1	1.06
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	20	1.06	0.1	1.06
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	20	1.06	0.04	1.06
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	20	1.06	0.07	1.04
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	20	1.06	0.07	1.04
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	20	1.06	0.07	1.04
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	20	1.06	0.07	1.08
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	20	1.06	0.03	1.06
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	20	1.06	0.17	1.08
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	20	1.06	0.17	1.08
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	20	1.06	0.37	0.98
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	20	1.06	0.37	0.98
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	20	1.06	0.05	1.05
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	20	1.06	0.05	1.05
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	20	1.06	0.05	1.05
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	20	1.06	0.15	1.04
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	20	1.06	0.15	1.04
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	20	1.06	0.06	1.06
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	20	1.06	0.06	1.06
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	20	1.06	0.06	1.06

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	20	1.06	0.08	1.05
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	20	1.06	0.08	1.05
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	20	1.06	0.08	1.05
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	20	1.06	0.05	1.05
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	20	1.06	0.04	1.06
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	20	1.06	0.22	1.12
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	20	1.06	0.05	1.06
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	20	1.06	0.05	1.06
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	20	1.05	0.07	1.06
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	20	1.05	0.07	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	20	1.05	0.01	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	20	1.05	0.01	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	20	1.05	0.01	1.05
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	20	1.05	0.06	1.06
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	20	1.05	0.06	1.06
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	20	1.05	0.06	1.06
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	20	1.05	0.15	1.04
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	20	1.05	0.15	1.04
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	20	1.05	0.16	1.07
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	20	1.05	0.16	1.07
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	20	1.05	0.02	1.06
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	20	1.05	0.02	1.06
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	20	1.05	0.05	1.04
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	20	1.05	0.05	1.04
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	20	1.05	0.05	1.04
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	20	1.05	0.28	1.07
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	20	1.05	0.28	1.07
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	20	1.05	0.08	1.06
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	20	1.05	0.08	1.06
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	20	1.05	0.08	1.06
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	20	1.05	0.25	1.16
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	20	1.05	0.25	1.16
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	20	1.05	0.04	1.06
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	20	1.05	0.04	1.06
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	20	1.05	0.05	1.04
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	20	1.05	0.05	1.04
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	20	1.05	0.05	1.04
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	20	1.05	0.4	0.91
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	20	1.05	0.17	1.02
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	20	1.05	0.17	1.02
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	20	1.05	0.17	1.02
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	20	1.05	0.03	1.04

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	20	1.05	0.06	1.04
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	20	1.05	0.06	1.04
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	20	1.05	0.1	1.04
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	20	1.05	0.1	1.04
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	20	1.05	0.1	1.04
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	20	1.05	0.1	1.04
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	20	1.05	0.09	1.04
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	20	1.05	0.09	1.04
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	20	1.05	0.09	1.04
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	20	1.05	0.09	1.04
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	20	1.05	0.09	1.04
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	20	1.05	0.09	1.04
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	20	1.04	0.12	1.04
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	20	1.04	0.12	1.04
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	20	1.04	0.12	1.04
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	20	1.04	0.28	0.94
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	20	1.04	0.12	1.0
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	20	1.04	0.12	1.0
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	20	1.04	0.12	1.0
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	20	1.04	0.39	0.88
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	20	1.04	0.39	0.88
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	20	1.04	0.39	0.88
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	20	1.04	0.05	1.04
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	20	1.04	0.07	1.04
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	20	1.04	0.07	1.04
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	20	1.04	0.07	1.04
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	20	1.04	0.07	1.04
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	20	1.04	0.07	1.04
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	20	1.04	0.05	1.04
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	20	1.04	0.05	1.04
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	20	1.04	0.05	1.04
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	20	1.04	0.16	1.04
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	20	1.04	0.16	1.04
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	20	1.04	0.06	1.06
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	20	1.04	0.06	1.06
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	20	1.04	0.13	1.02
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	20	1.04	0.13	1.02
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	20	1.04	0.13	1.02
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	20	1.04	0.07	1.04
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	20	1.04	0.07	1.04
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	20	1.04	0.04	1.04
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	20	1.04	0.24	1.01

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	20	1.04	0.24	1.01
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	20	1.04	0.24	1.01
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	20	1.04	0.16	1.04
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	20	1.04	0.16	1.04
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	20	1.04	0.16	1.04
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	20	1.04	0.11	1.07
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	20	1.04	0.11	1.07
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	20	1.04	0.11	1.07
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	20	1.04	0.23	1.02
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	20	1.04	0.03	1.04
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	20	1.04	0.03	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	20	1.04	0.03	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	20	1.04	0.03	1.02
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	20	1.04	0.14	1.03
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	20	1.04	0.14	1.04
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	20	1.04	0.14	1.04
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	20	1.04	0.31	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	20	1.04	0.31	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	20	1.04	0.31	0.89
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	20	1.04	0.01	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	20	1.04	0.01	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	20	1.04	0.01	1.04
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	20	1.04	0.3	1.12
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	20	1.04	0.3	1.12
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	20	1.04	0.29	0.94
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	20	1.04	0.29	0.94
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	20	1.04	0.29	0.94
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	20	1.04	0.08	1.06
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	20	1.04	0.08	1.06
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	20	1.04	0.08	1.06
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	20	1.03	0.01	1.04
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	20	1.03	0.01	1.04
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	20	1.03	0.01	1.04
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	20	1.03	0.18	1.04
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	20	1.03	0.03	1.02
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	20	1.03	0.03	1.02
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	20	1.03	0.03	1.02
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	20	1.03	0.11	1.02
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	20	1.03	0.11	1.02
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	20	1.03	0.11	1.02
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	20	1.03	0.18	1.04
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	20	1.03	0.06	1.01

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	20	1.03	0.06	1.01
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	20	1.03	0.06	1.01
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	20	1.03	0.14	1.0
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	20	1.03	0.14	1.0
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	20	1.03	0.14	1.0
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	20	1.03	0.36	1.17
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	20	1.03	0.11	1.01
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	20	1.03	0.11	1.01
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	20	1.03	0.05	1.02
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	20	1.03	0.05	1.02
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	20	1.03	0.05	1.02
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	20	1.03	0.12	0.95
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	20	1.03	0.12	0.95
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	20	1.03	0.12	0.95
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	20	1.03	0.03	1.03
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	20	1.03	0.03	1.03
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	20	1.03	0.16	0.98
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	20	1.03	0.16	0.98
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	20	1.03	0.07	1.02
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	20	1.03	0.07	1.02
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	20	1.03	0.07	1.02
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	20	1.02	0.04	1.02
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	20	1.02	0.25	0.94
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	20	1.02	0.01	1.02
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	20	1.02	0.01	1.02
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	20	1.02	0.01	1.02
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	20	1.02	0.26	1.04
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	20	1.02	0.26	1.04
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	20	1.02	0.11	1.04
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	20	1.02	0.11	1.04
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	20	1.02	0.06	1.02
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	20	1.02	0.06	1.02
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	20	1.02	0.05	1.02
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	20	1.02	0.1	1.03
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	20	1.02	0.22	1.0
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	20	1.02	0.2	1.01
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	20	1.02	0.2	1.01
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	20	1.02	0.2	1.01
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	20	1.02	0.08	1.02
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	20	1.02	0.08	1.02
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	20	1.02	0.08	1.02
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	20	1.02	0.08	1.01

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	20	1.02	0.14	1.0
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	20	1.02	0.09	1.02
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	20	1.02	0.09	1.02
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	20	1.02	0.09	1.01
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	20	1.02	0.12	0.98
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	20	1.02	0.12	0.98
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	20	1.02	0.08	1.0
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	20	1.02	0.08	1.0
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	20	1.02	0.08	1.0
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	20	1.02	0.12	1.0
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	20	1.02	0.12	1.0
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	20	1.02	0.03	1.01
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	20	1.02	0.13	1.02
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	20	1.02	0.13	1.02
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	20	1.02	0.13	1.02
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	20	1.02	0.03	1.02
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	20	1.02	0.02	1.02
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	20	1.02	0.02	1.02
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	20	1.02	0.02	1.02
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	20	1.02	0.07	1.02
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	20	1.02	0.07	1.0
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	20	1.02	0.17	1.0
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	20	1.02	0.17	1.0
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	20	1.02	0.47	0.74
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	20	1.02	0.47	0.74
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	20	1.02	0.01	1.01
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	20	1.02	0.06	1.0
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	20	1.02	0.06	1.0
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	20	1.01	0.05	1.02
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	20	1.01	0.09	1.0
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	20	1.01	0.14	1.02
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	20	1.01	0.14	1.02
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	20	1.01	0.22	1.02
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	20	1.01	0.22	1.02
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	20	1.01	0.03	1.02
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	20	1.01	0.22	1.02
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	20	1.01	0.22	1.02
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	20	1.01	0.06	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	20	1.01	0.06	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	20	1.01	0.06	0.98
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	20	1.01	0.06	1.0
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	20	1.01	0.06	1.0

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	20	1.01	0.02	1.01
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	20	1.01	0.09	1.02
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	20	1.01	0.25	0.98
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	20	1.01	0.25	0.98
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	20	1.01	0.25	0.98
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	20	1.01	0.06	1.02
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	20	1.01	0.05	1.0
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	20	1.01	0.05	1.0
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	20	1.01	0.05	1.0
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	20	1.01	0.04	1.02
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	20	1.01	0.08	0.98
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	20	1.01	0.08	0.98
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	20	1.01	0.08	0.98
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	20	1.01	0.03	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	20	1.01	0.03	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	20	1.01	0.03	1.0
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	20	1.01	0.27	0.98
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	20	1.01	0.27	0.98
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	20	1.01	0.21	0.98
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	20	1.01	0.21	0.98
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	20	1.01	0.07	1.02
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	20	1.01	0.07	1.02
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	20	1.01	0.07	1.02
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	20	1.01	0.04	1.0
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	20	1.01	0.13	0.98
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	20	1.01	0.03	1.01
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	20	1.01	0.03	1.01
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	20	1.0	0.03	0.99
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	20	1.0	0.03	0.99
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	20	1.0	0.03	0.99
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	20	1.0	0.04	1.02
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	20	1.0	0.15	1.0
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	20	1.0	0.15	1.0
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	20	1.0	0.19	1.02
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	20	1.0	0.19	1.02
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	20	1.0	0.26	0.88
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	20	1.0	0.26	0.88
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	20	1.0	0.14	1.02
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	20	1.0	0.14	1.02
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	20	1.0	0.12	0.97
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	20	1.0	0.12	0.97
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	20	1.0	0.03	1.0

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	20	1.0	0.03	1.0
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	20	1.0	0.03	1.0
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	20	1.0	0.08	1.0
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	20	1.0	0.24	1.12
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	20	1.0	0.24	1.12
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	20	1.0	0.2	1.1
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	20	1.0	0.2	1.1
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	20	1.0	0.04	1.0
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	20	1.0	0.19	0.96
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	20	1.0	0.19	0.96
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	20	1.0	0.12	0.98
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	20	1.0	0.13	0.98
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	20	1.0	0.13	0.98
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	20	1.0	0.07	1.0
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	20	1.0	0.19	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	20	1.0	0.02	1.0
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	20	1.0	0.02	1.0
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	20	1.0	0.02	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	20	1.0	0.01	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	20	1.0	0.01	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	20	1.0	0.01	1.0
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	20	1.0	0.11	0.98
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	20	1.0	0.11	0.98
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	20	1.0	0.11	0.98
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	20	1.0	0.04	1.0
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	20	1.0	0.04	1.0
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	20	1.0	0.04	1.0
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	20	1.0	0.06	1.02
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	20	0.99	0.1	1.0
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	20	0.99	0.1	1.0
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	20	0.99	0.1	1.0
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	20	0.99	0.17	1.02
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	20	0.99	0.03	0.98
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	20	0.99	0.04	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	20	0.99	0.04	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	20	0.99	0.04	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	20	0.99	0.01	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	20	0.99	0.01	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	20	0.99	0.01	0.99
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	20	0.99	0.06	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	20	0.99	0.06	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	20	0.99	0.06	0.97

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	20	0.99	0.21	0.96
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	20	0.99	0.21	0.96
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	20	0.99	0.21	0.96
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	20	0.99	0.01	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	20	0.99	0.01	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	20	0.99	0.01	0.99
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	20	0.99	0.24	1.03
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	20	0.99	0.07	0.99
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	20	0.99	0.13	1.0
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	20	0.99	0.15	1.0
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	20	0.99	0.15	1.0
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	20	0.99	0.15	1.0
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	20	0.99	0.06	0.96
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	20	0.99	0.06	0.96
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	20	0.99	0.06	0.96
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	20	0.99	0.09	1.0
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	20	0.99	0.09	1.0
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	20	0.99	0.09	1.0
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	20	0.99	0.21	1.08
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	20	0.98	0.14	0.98
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	20	0.98	0.14	0.98
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	20	0.98	0.14	0.98
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	20	0.98	0.05	0.99
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	20	0.98	0.05	0.99
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	20	0.98	0.07	1.0
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	20	0.98	0.12	1.0
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	20	0.98	0.12	1.0
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	20	0.98	0.19	1.0
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	20	0.98	0.19	1.0
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	20	0.98	0.16	0.96
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	20	0.98	0.08	0.99
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	20	0.98	0.08	0.99
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	20	0.98	0.07	0.97
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	20	0.98	0.07	0.99
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	20	0.98	0.07	0.99
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	20	0.98	0.07	0.99
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	20	0.98	0.11	0.98
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	20	0.98	0.11	0.98
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	20	0.98	0.11	0.98
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	20	0.98	0.02	0.97
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	20	0.98	0.02	0.97
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	20	0.98	0.02	0.97

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	20	0.98	0.06	0.98
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	20	0.98	0.03	0.98
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	20	0.98	0.12	0.98
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	20	0.98	0.12	0.98
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	20	0.98	0.12	0.98
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	20	0.98	0.14	0.95
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	20	0.98	0.14	0.95
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	20	0.98	0.14	0.95
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	20	0.98	0.11	1.0
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	20	0.98	0.11	1.0
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	20	0.98	0.13	0.94
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	20	0.98	0.13	0.94
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	20	0.98	0.13	0.94
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	20	0.98	0.02	0.98
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	20	0.97	0.15	0.94
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	20	0.97	0.15	0.94
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	20	0.97	0.15	0.94
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	20	0.97	0.21	0.93
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	20	0.97	0.21	0.93
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	20	0.97	0.21	0.93
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	20	0.97	0.18	1.04
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	20	0.97	0.01	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	20	0.97	0.01	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	20	0.97	0.01	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	20	0.97	0.02	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	20	0.97	0.02	0.97
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	20	0.97	0.37	0.94
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	20	0.97	0.29	0.93
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	20	0.97	0.29	0.93
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	20	0.97	0.13	0.99
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	20	0.97	0.13	0.99
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	20	0.97	0.2	1.06
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	20	0.97	0.08	0.96
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	20	0.97	0.1	0.98
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	20	0.97	0.1	0.98
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	20	0.97	0.15	0.94
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	20	0.97	0.08	0.98
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	20	0.97	0.08	0.98
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	20	0.97	0.43	0.8
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	20	0.97	0.28	0.83
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	20	0.97	0.28	0.83
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	20	0.97	0.28	0.83

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	20	0.97	0.02	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	20	0.97	0.02	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	20	0.97	0.02	0.97
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	20	0.97	0.08	0.95
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	20	0.97	0.08	0.95
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	20	0.97	0.05	0.97
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	20	0.96	0.05	0.95
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	20	0.96	0.05	0.95
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	20	0.96	0.05	0.95
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	20	0.96	0.01	0.96
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	20	0.96	0.01	0.96
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	20	0.96	0.01	0.96
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	20	0.96	0.03	0.96
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	20	0.96	0.03	0.96
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	20	0.96	0.03	0.96
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	20	0.96	0.18	0.96
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	20	0.96	0.18	0.98
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	20	0.96	0.18	0.98
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	20	0.96	0.1	0.93
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	20	0.96	0.1	0.93
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	20	0.96	0.1	0.93
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	20	0.96	0.11	0.96
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	20	0.96	0.11	0.96
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	20	0.96	0.16	0.9
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	20	0.96	0.16	0.9
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	20	0.96	0.16	0.9
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	20	0.96	0.28	1.0
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	20	0.96	0.28	1.0
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	20	0.96	0.16	0.88
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	20	0.96	0.16	0.88
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	20	0.96	0.16	0.88
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	20	0.96	0.03	0.95
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	20	0.96	0.03	0.95
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	20	0.96	0.03	0.95
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	20	0.96	0.06	0.97
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	20	0.96	0.06	0.97
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	20	0.96	0.06	0.97
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	20	0.96	0.02	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	20	0.96	0.02	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	20	0.96	0.02	0.96
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	20	0.96	0.19	0.98
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	20	0.96	0.19	0.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	20	0.96	0.19	0.98
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	20	0.96	0.19	0.98
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	20	0.96	0.19	0.98
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	20	0.96	0.19	0.98
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	20	0.96	0.02	0.95
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	20	0.96	0.02	0.95
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	20	0.96	0.02	0.95
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	20	0.96	0.3	0.84
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	20	0.96	0.01	0.96
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	20	0.95	0.02	0.96
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	20	0.95	0.1	0.96
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	20	0.95	0.15	0.92
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	20	0.95	0.15	0.92
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	20	0.95	0.01	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	20	0.95	0.01	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	20	0.95	0.01	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	20	0.95	0.04	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	20	0.95	0.04	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	20	0.95	0.04	0.95
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	20	0.95	0.04	0.95
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	20	0.95	0.04	0.95
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	20	0.95	0.04	0.95
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	20	0.95	0.65	0.58
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	20	0.95	0.65	0.58
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	20	0.95	0.09	0.96
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	20	0.95	0.09	0.96
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	20	0.95	0.03	0.95
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	20	0.95	0.17	0.98
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	20	0.95	0.01	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	20	0.95	0.01	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	20	0.95	0.01	0.95
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	20	0.95	0.1	0.94
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	20	0.95	0.09	0.94
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	20	0.95	0.18	0.96
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	20	0.95	0.18	0.96
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	20	0.95	0.15	0.98
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	20	0.95	0.15	0.98
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	20	0.95	0.15	0.98
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	20	0.95	0.15	0.98
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	20	0.95	0.15	0.98
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	20	0.95	0.15	0.98
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	20	0.94	0.21	0.97

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	20	0.94	0.07	0.93
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	20	0.94	0.07	0.93
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	20	0.94	0.09	0.96
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	20	0.94	0.09	0.96
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	20	0.94	0.09	0.96
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	20	0.94	0.1	0.94
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	20	0.94	0.1	0.94
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	20	0.94	0.06	0.93
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	20	0.94	0.33	0.9
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	20	0.94	0.02	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	20	0.94	0.02	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	20	0.94	0.02	0.94
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	20	0.94	0.03	0.94
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	20	0.94	0.03	0.94
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	20	0.94	0.03	0.94
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	20	0.94	0.03	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	20	0.94	0.03	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	20	0.94	0.03	0.93
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	20	0.94	0.37	0.94
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	20	0.94	0.37	0.94
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	20	0.94	0.25	1.0
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	20	0.94	0.45	0.75
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	20	0.94	0.45	0.75
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	20	0.94	0.05	0.92
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	20	0.94	0.05	0.92
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	20	0.94	0.05	0.92
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	20	0.94	0.15	0.9
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	20	0.93	0.01	0.94
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	20	0.93	0.01	0.94
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	20	0.93	0.01	0.94
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	20	0.93	0.11	0.9
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	20	0.93	0.05	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	20	0.93	0.05	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	20	0.93	0.05	0.92
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	20	0.93	0.02	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	20	0.93	0.02	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	20	0.93	0.02	0.94
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	20	0.93	0.07	0.92
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	20	0.93	0.07	0.92
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	20	0.93	0.07	0.92
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	20	0.93	0.04	0.93
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	20	0.93	0.03	0.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	20	0.93	0.04	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	20	0.93	0.04	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	20	0.93	0.04	0.9
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	20	0.93	0.03	0.93
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	20	0.93	0.02	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	20	0.93	0.01	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	20	0.93	0.01	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	20	0.93	0.01	0.93
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	20	0.93	0.04	0.91
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	20	0.93	0.04	0.91
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	20	0.93	0.04	0.91
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	20	0.93	0.14	0.94
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	20	0.93	0.14	0.94
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	20	0.93	0.1	0.94
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	20	0.93	0.1	0.9
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	20	0.93	0.1	0.9
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	20	0.93	0.06	0.93
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	20	0.93	0.06	0.93
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	20	0.93	0.06	0.92
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	20	0.93	0.06	0.93
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	20	0.93	0.36	0.97
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	20	0.93	0.36	0.97
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	20	0.93	0.1	0.94
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	20	0.93	0.06	0.92
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	20	0.93	0.06	0.92
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	20	0.93	0.14	0.93
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	20	0.93	0.14	0.93
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	20	0.93	0.03	0.92
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	20	0.93	0.14	0.96
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	20	0.93	0.14	0.96
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	20	0.93	0.02	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	20	0.93	0.02	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	20	0.93	0.02	0.93
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	20	0.93	0.01	0.93
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	20	0.93	0.01	0.93
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	20	0.93	0.01	0.93
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	20	0.93	0.07	0.92
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	20	0.92	0.07	0.94
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	20	0.92	0.07	0.94
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	20	0.92	0.07	0.94
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	20	0.92	0.09	0.92
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	20	0.92	0.02	0.92

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	20	0.92	0.02	0.92
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	20	0.92	0.02	0.92
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	20	0.92	0.12	0.94
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	20	0.92	0.06	0.92
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	20	0.92	0.06	0.92
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	20	0.92	0.05	0.92
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	20	0.92	0.09	0.9
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	20	0.92	0.09	0.9
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	20	0.92	0.09	0.9
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	20	0.92	0.06	0.92
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	20	0.92	0.06	0.92
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	20	0.92	0.06	0.92
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	20	0.92	0.16	0.89
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	20	0.92	0.02	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	20	0.92	0.02	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	20	0.92	0.02	0.92
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	20	0.92	0.13	0.94
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	20	0.92	0.03	0.93
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	20	0.92	0.03	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	20	0.92	0.01	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	20	0.92	0.01	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	20	0.92	0.01	0.92
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	20	0.92	0.04	0.92
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	20	0.92	0.04	0.92
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	20	0.92	0.02	0.92
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	20	0.92	0.02	0.92
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	20	0.92	0.2	0.89
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	20	0.92	0.2	0.89
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	20	0.92	0.03	0.92
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	20	0.92	0.08	0.94
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	20	0.92	0.08	0.94
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	20	0.92	0.19	0.94
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	20	0.92	0.04	0.91
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	20	0.92	0.04	0.91
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	20	0.92	0.28	0.98
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	20	0.92	0.2	0.91
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	20	0.92	0.06	0.92
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	20	0.92	0.2	0.82
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	20	0.92	0.2	0.82
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	20	0.92	0.2	0.82
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	20	0.92	0.03	0.91
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	20	0.92	0.03	0.91

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	20	0.92	0.03	0.91
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	20	0.92	0.03	0.92
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	20	0.92	0.88	0.39
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	20	0.92	0.19	0.97
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	20	0.92	0.19	0.97
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	20	0.92	0.19	0.97
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	20	0.92	0.03	0.91
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	20	0.92	0.22	0.9
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	20	0.92	0.22	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	20	0.92	0.09	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	20	0.92	0.09	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	20	0.92	0.09	0.9
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	20	0.92	0.09	0.92
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	20	0.92	0.08	0.92
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	20	0.92	0.08	0.92
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	20	0.91	0.08	0.9
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	20	0.91	0.08	0.9
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	20	0.91	0.12	0.93
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	20	0.91	0.06	0.9
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	20	0.91	0.13	0.92
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	20	0.91	0.04	0.92
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	20	0.91	0.11	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	20	0.91	0.11	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	20	0.91	0.11	0.85
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	20	0.91	0.18	0.94
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	20	0.91	0.33	0.77
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	20	0.91	0.33	0.77
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	20	0.91	0.34	0.78
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	20	0.91	0.34	0.78
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	20	0.91	0.34	0.78
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	20	0.91	0.34	0.78
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	20	0.91	0.34	0.78
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	20	0.91	0.34	0.78
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	20	0.91	0.01	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	20	0.91	0.01	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	20	0.91	0.01	0.91
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	20	0.91	0.05	0.91
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	20	0.91	0.15	0.89
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	20	0.91	0.01	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	20	0.91	0.01	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	20	0.91	0.01	0.91
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	20	0.91	0.15	0.94

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	20	0.91	0.14	0.87
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	20	0.91	0.11	0.9
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	20	0.91	0.11	0.9
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	20	0.91	0.11	0.9
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	20	0.91	0.06	0.91
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	20	0.91	0.06	0.91
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	20	0.9	0.11	0.88
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	20	0.9	0.11	0.88
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	20	0.9	0.11	0.88
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	20	0.9	0.15	0.88
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	20	0.9	0.15	0.88
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	20	0.9	0.03	0.89
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	20	0.9	0.03	0.89
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	20	0.9	0.03	0.89
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	20	0.9	0.11	0.9
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	20	0.9	0.11	0.9
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	20	0.9	0.11	0.9
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	20	0.9	0.03	0.89
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	20	0.9	0.03	0.89
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	20	0.9	0.03	0.89
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	20	0.9	0.23	1.0
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	20	0.9	0.04	0.9
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	20	0.9	0.08	0.9
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	20	0.9	0.08	0.9
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	20	0.9	0.08	0.9
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	20	0.9	0.06	0.9
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	20	0.9	0.06	0.9
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	20	0.9	0.16	0.89
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	20	0.9	0.16	0.89
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	20	0.9	0.16	0.89
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	20	0.9	0.16	0.89
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	20	0.9	0.31	1.07
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	20	0.9	0.08	0.88
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	20	0.9	0.08	0.88
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	20	0.9	0.08	0.88
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	20	0.9	0.05	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	20	0.9	0.01	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	20	0.9	0.01	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	20	0.9	0.01	0.9
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	20	0.9	0.12	0.89
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	20	0.9	0.13	0.92
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	20	0.9	0.06	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	20	0.9	0.06	0.88
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	20	0.9	0.06	0.88
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	20	0.9	0.28	0.92
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	20	0.9	0.03	0.89
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	20	0.9	0.03	0.89
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	20	0.9	0.03	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	20	0.9	0.01	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	20	0.9	0.01	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	20	0.9	0.01	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	20	0.9	0.05	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	20	0.9	0.05	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	20	0.9	0.05	0.9
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	20	0.9	0.02	0.9
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	20	0.9	0.08	0.88
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	20	0.9	0.08	0.88
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	20	0.9	0.26	0.76
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	20	0.9	0.26	0.76
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	20	0.89	0.07	0.9
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	20	0.89	0.08	0.88
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	20	0.89	0.08	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	20	0.89	0.02	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	20	0.89	0.02	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	20	0.89	0.02	0.88
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	20	0.89	0.02	0.89
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	20	0.89	0.02	0.89
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	20	0.89	0.02	0.89
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	20	0.89	0.11	0.86
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	20	0.89	0.11	0.86
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	20	0.89	0.17	0.9
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	20	0.89	0.17	0.9
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	20	0.89	0.05	0.87
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	20	0.89	0.05	0.87
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	20	0.89	0.05	0.87
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	20	0.89	0.01	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	20	0.89	0.01	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	20	0.89	0.01	0.89
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	20	0.89	0.09	0.92
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	20	0.89	0.11	0.92
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	20	0.89	0.06	0.89
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	20	0.89	0.01	0.89
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	20	0.89	0.01	0.89
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	20	0.89	0.01	0.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	20	0.89	0.1	0.9
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	20	0.89	0.12	0.92
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	20	0.89	0.12	0.92
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	20	0.89	0.05	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	20	0.89	0.02	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	20	0.89	0.02	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	20	0.89	0.02	0.88
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	20	0.89	0.2	0.9
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	20	0.89	0.2	0.9
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	20	0.89	0.08	0.88
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	20	0.89	0.08	0.88
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	20	0.89	0.08	0.88
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	20	0.89	0.11	0.84
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	20	0.89	0.11	0.84
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	20	0.89	0.11	0.84
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	20	0.89	0.03	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	20	0.88	0.01	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	20	0.88	0.01	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	20	0.88	0.01	0.89
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	20	0.88	0.11	0.87
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	20	0.88	0.11	0.87
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	20	0.88	0.13	0.86
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	20	0.88	0.01	0.88
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	20	0.88	0.01	0.88
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	20	0.88	0.01	0.88
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	20	0.88	0.02	0.88
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	20	0.88	0.02	0.88
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	20	0.88	0.02	0.88
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	20	0.88	0.25	0.82
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	20	0.88	0.25	0.82
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	20	0.88	0.05	0.9
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	20	0.88	0.05	0.9
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	20	0.88	0.05	0.9
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	20	0.88	0.01	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	20	0.88	0.01	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	20	0.88	0.01	0.88
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	20	0.88	0.64	0.64
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	20	0.88	0.64	0.64
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	20	0.88	0.07	0.88
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	20	0.88	0.02	0.88
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	20	0.88	0.09	0.86
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	20	0.88	0.07	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	20	0.88	0.07	0.88
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	20	0.88	0.1	0.86
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	20	0.88	0.05	0.89
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	20	0.88	0.06	0.88
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	20	0.88	0.06	0.88
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	20	0.88	0.06	0.88
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	20	0.88	0.07	0.88
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	20	0.88	0.06	0.86
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	20	0.88	0.02	0.88
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	20	0.88	0.02	0.88
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	20	0.88	0.02	0.88
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	20	0.88	0.12	0.88
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	20	0.88	0.12	0.88
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	20	0.88	0.02	0.87
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	20	0.88	0.02	0.87
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	20	0.88	0.02	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	20	0.87	0.01	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	20	0.87	0.01	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	20	0.87	0.01	0.88
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	20	0.87	0.07	0.86
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	20	0.87	0.07	0.86
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	20	0.87	0.07	0.86
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	20	0.87	0.19	0.88
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	20	0.87	0.19	0.88
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	20	0.87	0.04	0.86
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	20	0.87	0.04	0.86
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	20	0.87	0.04	0.86
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	20	0.87	0.15	0.88
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	20	0.87	0.04	0.88
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	20	0.87	0.11	0.89
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	20	0.87	0.05	0.88
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	20	0.87	0.16	0.9
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	20	0.87	0.16	0.9
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	20	0.87	0.36	0.83
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	20	0.87	0.36	0.83
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	20	0.87	0.36	0.83
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	20	0.87	0.36	0.83
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	20	0.87	0.36	0.83
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	20	0.87	0.36	0.83
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	20	0.87	0.14	0.88
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	20	0.87	0.14	0.88
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	20	0.87	0.09	0.84

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	20	0.87	0.09	0.84
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	20	0.87	0.09	0.84
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	20	0.87	0.12	0.85
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	20	0.87	0.12	0.85
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	20	0.87	0.11	0.84
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	20	0.87	0.11	0.84
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	20	0.86	0.01	0.86
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	20	0.86	0.01	0.86
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	20	0.86	0.01	0.86
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	20	0.86	0.06	0.87
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	20	0.86	0.06	0.87
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	20	0.86	0.06	0.87
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	20	0.86	0.06	0.87
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	20	0.86	0.06	0.87
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	20	0.86	0.06	0.87
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	20	0.86	0.03	0.86
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	20	0.86	0.06	0.86
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	20	0.86	0.06	0.86
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	20	0.86	0.1	0.86
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	20	0.86	0.1	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	20	0.86	0.01	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	20	0.86	0.01	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	20	0.86	0.01	0.86
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	20	0.86	0.07	0.86
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	20	0.86	0.07	0.86
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	20	0.86	0.07	0.87
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	20	0.86	0.14	0.82
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	20	0.86	0.01	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	20	0.86	0.01	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	20	0.86	0.01	0.86
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	20	0.86	0.07	0.84
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	20	0.86	0.07	0.84
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	20	0.86	0.07	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	20	0.86	0.03	0.86
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	20	0.86	0.03	0.86
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	20	0.86	0.03	0.86
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	20	0.86	0.08	0.82
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	20	0.86	0.08	0.82
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	20	0.86	0.08	0.82
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	20	0.86	0.11	0.86
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	20	0.86	0.1	0.84
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	20	0.86	0.03	0.86

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	20	0.86	0.05	0.84
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	20	0.86	0.03	0.86
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	20	0.86	0.03	0.86
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	20	0.86	0.03	0.86
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	20	0.86	0.06	0.86
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	20	0.86	0.06	0.86
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	20	0.86	0.07	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	20	0.86	0.01	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	20	0.86	0.01	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	20	0.86	0.01	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	20	0.86	0.0	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	20	0.86	0.0	0.86
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	20	0.86	0.5	0.64
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	20	0.86	0.2	0.82
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	20	0.86	0.2	0.82
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	20	0.86	0.2	0.82
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	20	0.86	0.2	0.82
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	20	0.86	0.16	0.84
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	20	0.85	0.02	0.85
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	20	0.85	0.11	0.82
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	20	0.85	0.11	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	20	0.85	0.04	0.84
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	20	0.85	0.04	0.84
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	20	0.85	0.04	0.84
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	20	0.85	0.06	0.84
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	20	0.85	0.06	0.84
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	20	0.85	0.06	0.84
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	20	0.85	0.05	0.84
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	20	0.85	0.05	0.84
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	20	0.85	0.05	0.84
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	20	0.85	0.05	0.85
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	20	0.85	0.05	0.85
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	20	0.85	0.05	0.85
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	20	0.85	0.05	0.86
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	20	0.85	0.05	0.86
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	20	0.85	0.05	0.86
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	20	0.85	0.09	0.82
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	20	0.85	0.09	0.82
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	20	0.85	0.09	0.82
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	20	0.85	0.07	0.86
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	20	0.85	0.07	0.86
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	20	0.85	0.07	0.86

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	20	0.85	0.1	0.84
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	20	0.85	0.07	0.86
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	20	0.85	0.03	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	20	0.85	0.03	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	20	0.85	0.03	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	20	0.85	0.01	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	20	0.85	0.01	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	20	0.85	0.01	0.85
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	20	0.85	0.18	0.87
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	20	0.85	0.18	0.87
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	20	0.85	0.04	0.86
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	20	0.85	0.17	0.9
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	20	0.85	0.17	0.9
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	20	0.85	0.03	0.84
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	20	0.85	0.03	0.84
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	20	0.85	0.03	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	20	0.85	0.01	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	20	0.85	0.01	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	20	0.85	0.01	0.85
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	20	0.85	0.03	0.85
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	20	0.85	0.09	0.82
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	20	0.85	0.09	0.82
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	20	0.85	0.09	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	20	0.85	0.04	0.84
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	20	0.85	0.04	0.84
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	20	0.85	0.04	0.84
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	20	0.85	0.09	0.82
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	20	0.85	0.09	0.82
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	20	0.85	0.09	0.82
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	20	0.85	0.11	0.82
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	20	0.85	0.11	0.82
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	20	0.84	0.02	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	20	0.84	0.02	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	20	0.84	0.02	0.84
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	20	0.84	0.08	0.84
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	20	0.84	0.2	0.84
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	20	0.84	0.03	0.84
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	20	0.84	0.03	0.84
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	20	0.84	0.03	0.84
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	20	0.84	0.07	0.84
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	20	0.84	0.04	0.83
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	20	0.84	0.29	0.88

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	20	0.84	0.29	0.88
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	20	0.84	0.26	0.88
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	20	0.84	0.12	0.88
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	20	0.84	0.12	0.88
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	20	0.84	0.12	0.88
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	20	0.84	0.17	0.82
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	20	0.84	0.17	0.82
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	20	0.84	0.09	0.82
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	20	0.84	0.09	0.82
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	20	0.84	0.09	0.82
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	20	0.84	0.32	0.78
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	20	0.84	0.32	0.78
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	20	0.84	0.16	0.84
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	20	0.84	0.16	0.84
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	20	0.84	0.18	0.85
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	20	0.83	0.02	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	20	0.83	0.0	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	20	0.83	0.0	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	20	0.83	0.0	0.83
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	20	0.83	0.21	0.87
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	20	0.83	0.21	0.87
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	20	0.83	0.16	0.79
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	20	0.83	0.24	0.86
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	20	0.83	0.18	0.78
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	20	0.83	0.06	0.84
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	20	0.83	0.08	0.83
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	20	0.83	0.03	0.82
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	20	0.83	0.03	0.82
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	20	0.83	0.03	0.82
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	20	0.83	0.06	0.83
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	20	0.83	0.06	0.82
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	20	0.83	0.06	0.81
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	20	0.83	0.06	0.81
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	20	0.83	0.06	0.81
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	20	0.83	0.11	0.82
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	20	0.83	0.29	0.86
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	20	0.83	0.03	0.82
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	20	0.83	0.03	0.82
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	20	0.83	0.03	0.82
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	20	0.83	0.08	0.84
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	20	0.83	0.03	0.82
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	20	0.83	0.09	0.82

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	20	0.83	0.1	0.83
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	20	0.83	0.16	0.84
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	20	0.83	0.06	0.8
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	20	0.82	0.03	0.82
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	20	0.82	0.08	0.8
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	20	0.82	0.08	0.8
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	20	0.82	0.08	0.8
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	20	0.82	0.01	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	20	0.82	0.01	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	20	0.82	0.01	0.82
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	20	0.82	0.48	0.56
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	20	0.82	0.01	0.82
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	20	0.82	0.01	0.82
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	20	0.82	0.01	0.82
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	20	0.82	0.07	0.81
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	20	0.82	0.07	0.81
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	20	0.82	0.07	0.81
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	20	0.82	0.06	0.82
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	20	0.82	0.12	0.84
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	20	0.82	0.36	0.95
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	20	0.82	0.36	0.95
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	20	0.82	0.06	0.82
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	20	0.82	0.06	0.82
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	20	0.82	0.07	0.82
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	20	0.82	0.07	0.82
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	20	0.82	0.07	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	20	0.82	0.03	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	20	0.82	0.03	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	20	0.82	0.03	0.81
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	20	0.82	0.06	0.8
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	20	0.82	0.06	0.8
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	20	0.82	0.09	0.8
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	20	0.82	0.09	0.8
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	20	0.82	0.02	0.82
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	20	0.82	0.06	0.8
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	20	0.82	0.07	0.81
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	20	0.82	0.07	0.81
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	20	0.81	0.09	0.8
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	20	0.81	0.09	0.8
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	20	0.81	0.09	0.8
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	20	0.81	0.09	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	20	0.81	0.03	0.81

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	20	0.81	0.03	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	20	0.81	0.03	0.81
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	20	0.81	0.07	0.82
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	20	0.81	0.07	0.82
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	20	0.81	0.07	0.82
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	20	0.81	0.19	0.8
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	20	0.81	0.19	0.8
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	20	0.81	0.18	0.77
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	20	0.81	0.18	0.77
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	20	0.81	0.18	0.77
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	20	0.81	0.18	0.77
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	20	0.81	0.08	0.8
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	20	0.81	0.17	0.78
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	20	0.81	0.03	0.81
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	20	0.81	0.03	0.81
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	20	0.81	0.03	0.81
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	20	0.81	0.19	0.85
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	20	0.81	0.19	0.85
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	20	0.81	0.19	0.85
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	20	0.81	0.19	0.85
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	20	0.81	0.19	0.85
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	20	0.81	0.19	0.85
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	20	0.81	0.16	0.8
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	20	0.81	0.13	0.81
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	20	0.81	0.09	0.82
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	20	0.81	0.1	0.83
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	20	0.81	0.13	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	20	0.81	0.02	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	20	0.81	0.02	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	20	0.81	0.02	0.8
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	20	0.81	0.02	0.8
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	20	0.81	0.02	0.8
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	20	0.81	0.02	0.8
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	20	0.81	0.03	0.82
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	20	0.81	0.06	0.79
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	20	0.81	0.05	0.8
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	20	0.81	0.05	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	20	0.81	0.02	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	20	0.81	0.02	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	20	0.81	0.02	0.8
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	20	0.8	0.05	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	20	0.8	0.01	0.8

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	20	0.8	0.01	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	20	0.8	0.01	0.8
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	20	0.8	0.09	0.81
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	20	0.8	0.08	0.78
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	20	0.8	0.08	0.78
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	20	0.8	0.08	0.78
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	20	0.8	0.15	0.77
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	20	0.8	0.15	0.77
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	20	0.8	0.03	0.79
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	20	0.8	0.03	0.79
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	20	0.8	0.03	0.79
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	20	0.8	0.05	0.78
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	20	0.8	0.05	0.78
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	20	0.8	0.05	0.78
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	20	0.8	0.05	0.81
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	20	0.8	0.05	0.81
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	20	0.8	0.08	0.78
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	20	0.8	0.03	0.8
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	20	0.8	0.03	0.8
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	20	0.8	0.03	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	20	0.8	0.01	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	20	0.8	0.01	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	20	0.8	0.01	0.8
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	20	0.8	0.12	0.8
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	20	0.8	0.12	0.8
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	20	0.79	0.1	0.8
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	20	0.79	0.18	0.82
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	20	0.79	0.07	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	20	0.79	0.01	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	20	0.79	0.01	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	20	0.79	0.01	0.79
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	20	0.79	0.04	0.78
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	20	0.79	0.04	0.78
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	20	0.79	0.08	0.8
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	20	0.79	0.08	0.8
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	20	0.79	0.08	0.8
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	20	0.79	0.08	0.8
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	20	0.79	0.08	0.8
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	20	0.79	0.08	0.8
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	20	0.79	0.06	0.8
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	20	0.79	0.07	0.8
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	20	0.79	0.06	0.77

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	20	0.79	0.06	0.77
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	20	0.79	0.06	0.77
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	20	0.79	0.02	0.78
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	20	0.79	0.07	0.78
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	20	0.79	0.12	0.81
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	20	0.79	0.12	0.81
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	20	0.79	0.01	0.78
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	20	0.79	0.01	0.78
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	20	0.79	0.01	0.78
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	20	0.79	0.11	0.82
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	20	0.79	0.11	0.82
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	20	0.79	0.03	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	20	0.79	0.03	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	20	0.79	0.03	0.77
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	20	0.78	0.13	0.76
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	20	0.78	0.13	0.76
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	20	0.78	0.06	0.76
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	20	0.78	0.06	0.76
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	20	0.78	0.14	0.76
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	20	0.78	0.14	0.76
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	20	0.78	0.14	0.77
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	20	0.78	0.14	0.77
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	20	0.78	0.12	0.79
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	20	0.78	0.03	0.78
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	20	0.78	0.18	0.78
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	20	0.78	0.1	0.78
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	20	0.78	0.38	0.83
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	20	0.78	0.38	0.83
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	20	0.78	0.12	0.8
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	20	0.78	0.12	0.8
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	20	0.78	0.12	0.8
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	20	0.78	0.07	0.77
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	20	0.78	0.06	0.77
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	20	0.78	0.08	0.78
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	20	0.78	0.08	0.78
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	20	0.77	0.05	0.79
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	20	0.77	0.05	0.75
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	20	0.77	0.05	0.75
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	20	0.77	0.05	0.75
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	20	0.77	0.1	0.78
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	20	0.77	0.09	0.78
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	20	0.77	0.35	0.66

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	20	0.77	0.35	0.66
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	20	0.77	0.15	0.79
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	20	0.77	0.08	0.78
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	20	0.77	0.08	0.78
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	20	0.77	0.12	0.8
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	20	0.77	0.08	0.74
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	20	0.77	0.14	0.76
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	20	0.77	0.12	0.76
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	20	0.77	0.12	0.76
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	20	0.77	0.04	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	20	0.77	0.01	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	20	0.77	0.01	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	20	0.77	0.01	0.77
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	20	0.77	0.06	0.76
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	20	0.77	0.29	0.78
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	20	0.77	0.05	0.75
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	20	0.77	0.05	0.75
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	20	0.77	0.05	0.75
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	20	0.77	0.07	0.77
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	20	0.77	0.03	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	20	0.77	0.03	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	20	0.77	0.03	0.76
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	20	0.77	0.5	0.48
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	20	0.77	0.01	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	20	0.77	0.01	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	20	0.77	0.01	0.76
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	20	0.77	0.05	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	20	0.77	0.05	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	20	0.77	0.05	0.74
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	20	0.77	0.14	0.74
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	20	0.77	0.14	0.74
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	20	0.77	0.11	0.78
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	20	0.77	0.11	0.78
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	20	0.77	0.04	0.77
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	20	0.77	0.08	0.76
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	20	0.77	0.08	0.76
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	20	0.77	0.1	0.76
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	20	0.77	0.1	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	20	0.76	0.01	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	20	0.76	0.01	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	20	0.76	0.01	0.76
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	20	0.76	0.06	0.76

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	20	0.76	0.14	0.75
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	20	0.76	0.14	0.75
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	20	0.76	0.03	0.76
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	20	0.76	0.01	0.76
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	20	0.76	0.01	0.76
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	20	0.76	0.01	0.76
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	20	0.76	0.06	0.78
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	20	0.76	0.04	0.77
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	20	0.76	0.04	0.77
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	20	0.76	0.1	0.76
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	20	0.76	0.07	0.76
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	20	0.76	0.07	0.76
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	20	0.76	0.07	0.76
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	20	0.76	0.08	0.75
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	20	0.76	0.08	0.75
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	20	0.76	0.01	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	20	0.76	0.01	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	20	0.76	0.01	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	20	0.76	0.01	0.76
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	20	0.76	0.18	0.78
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	20	0.76	0.33	0.62
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	20	0.76	0.33	0.62
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	20	0.76	0.12	0.76
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	20	0.76	0.12	0.76
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	20	0.76	0.08	0.72
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	20	0.76	0.08	0.72
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	20	0.76	0.01	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	20	0.76	0.01	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	20	0.76	0.01	0.76
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	20	0.76	0.08	0.76
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	20	0.76	0.08	0.76
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	20	0.76	0.03	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	20	0.76	0.03	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	20	0.76	0.03	0.74
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	20	0.75	0.08	0.75
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	20	0.75	0.09	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	20	0.75	0.09	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	20	0.75	0.09	0.7
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	20	0.75	0.04	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	20	0.75	0.04	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	20	0.75	0.04	0.74
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	20	0.75	0.06	0.76

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	20	0.75	0.01	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	20	0.75	0.01	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	20	0.75	0.01	0.75
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	20	0.75	0.32	0.69
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	20	0.75	0.07	0.78
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	20	0.75	0.03	0.74
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	20	0.75	0.03	0.74
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	20	0.75	0.03	0.74
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	20	0.75	0.12	0.72
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	20	0.75	0.12	0.72
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	20	0.75	0.12	0.72
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	20	0.75	0.12	0.72
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	20	0.75	0.05	0.74
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	20	0.75	0.08	0.76
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	20	0.75	0.09	0.72
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	20	0.75	0.09	0.72
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	20	0.74	0.16	0.75
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	20	0.74	0.03	0.75
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	20	0.74	0.12	0.69
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	20	0.74	0.12	0.73
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	20	0.74	0.03	0.75
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	20	0.74	0.17	0.8
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	20	0.74	0.12	0.76
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	20	0.74	0.08	0.74
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	20	0.74	0.08	0.74
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	20	0.73	0.26	0.76
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	20	0.73	0.03	0.73
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	20	0.73	0.03	0.73
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	20	0.73	0.16	0.76
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	20	0.73	0.01	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	20	0.73	0.01	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	20	0.73	0.01	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	20	0.73	0.02	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	20	0.73	0.02	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	20	0.73	0.02	0.73
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	20	0.73	0.11	0.74
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	20	0.73	0.11	0.74
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	20	0.73	0.12	0.7
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	20	0.73	0.12	0.7
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	20	0.73	0.14	0.74
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	20	0.73	0.41	0.6
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	20	0.73	0.41	0.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	20	0.73	0.04	0.74
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	20	0.73	0.04	0.74
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	20	0.73	0.04	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	20	0.73	0.02	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	20	0.73	0.02	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	20	0.73	0.02	0.72
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	20	0.73	0.22	0.69
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	20	0.73	0.0	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	20	0.73	0.0	0.73
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	20	0.72	0.12	0.74
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	20	0.72	0.05	0.72
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	20	0.72	0.12	0.68
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	20	0.72	0.12	0.68
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	20	0.72	0.02	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	20	0.72	0.02	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	20	0.72	0.02	0.72
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	20	0.72	0.03	0.73
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	20	0.72	0.03	0.72
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	20	0.72	0.03	0.72
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	20	0.72	0.12	0.73
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	20	0.72	0.01	0.72
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	20	0.72	0.01	0.72
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	20	0.72	0.2	0.6
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	20	0.72	0.2	0.6
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	20	0.72	0.01	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	20	0.72	0.01	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	20	0.72	0.01	0.72
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	20	0.72	0.06	0.73
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	20	0.72	0.14	0.69
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	20	0.72	0.14	0.69
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	20	0.72	0.28	0.68
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	20	0.72	0.2	0.7
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	20	0.72	0.2	0.7
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	20	0.72	0.2	0.7
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	20	0.72	0.2	0.7
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	20	0.72	0.2	0.7
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	20	0.72	0.2	0.7
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	20	0.72	0.05	0.72
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	20	0.72	0.05	0.72
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	20	0.72	0.06	0.7
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	20	0.72	0.06	0.7
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	20	0.72	0.07	0.72

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	20	0.72	0.07	0.72
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	20	0.72	0.08	0.72
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	20	0.72	0.27	0.66
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	20	0.72	0.27	0.66
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	20	0.72	0.27	0.66
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	20	0.72	0.27	0.66
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	20	0.72	0.11	0.73
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	20	0.72	0.11	0.73
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	20	0.72	0.11	0.73
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	20	0.72	0.11	0.73
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	20	0.72	0.09	0.7
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	20	0.72	0.08	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	20	0.72	0.01	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	20	0.72	0.01	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	20	0.72	0.01	0.72
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	20	0.72	0.03	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	20	0.72	0.01	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	20	0.72	0.01	0.72
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	20	0.72	0.06	0.7
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	20	0.72	0.06	0.7
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	20	0.72	0.11	0.72
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	20	0.72	0.18	0.68
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	20	0.72	0.18	0.68
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	20	0.71	0.12	0.68
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	20	0.71	0.12	0.68
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	20	0.71	0.1	0.72
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	20	0.71	0.07	0.7
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	20	0.71	0.07	0.7
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	20	0.71	0.07	0.74
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	20	0.71	0.12	0.72
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	20	0.71	0.02	0.7
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	20	0.71	0.02	0.7
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	20	0.71	0.02	0.7
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	20	0.71	0.12	0.69
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	20	0.71	0.04	0.7
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	20	0.71	0.19	0.6
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	20	0.71	0.19	0.6
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	20	0.71	0.02	0.7
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	20	0.71	0.04	0.7
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	20	0.71	0.04	0.7
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	20	0.71	0.04	0.7
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	20	0.71	0.11	0.76

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	20	0.71	0.11	0.76
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	20	0.71	0.06	0.69
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	20	0.71	0.24	0.67
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	20	0.71	0.18	0.76
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	20	0.71	0.07	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	20	0.7	0.01	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	20	0.7	0.01	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	20	0.7	0.01	0.7
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	20	0.7	0.05	0.71
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	20	0.7	0.13	0.72
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	20	0.7	0.09	0.69
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	20	0.7	0.01	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	20	0.7	0.01	0.7
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	20	0.7	0.06	0.7
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	20	0.7	0.04	0.7
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	20	0.7	0.12	0.67
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	20	0.7	0.12	0.67
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	20	0.7	0.16	0.64
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	20	0.7	0.13	0.7
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	20	0.7	0.04	0.7
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	20	0.7	0.06	0.72
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	20	0.7	0.13	0.66
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	20	0.7	0.13	0.66
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	20	0.7	0.04	0.69
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	20	0.69	0.04	0.69
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	20	0.69	0.02	0.7
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	20	0.69	0.07	0.7
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	20	0.69	0.04	0.7
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	20	0.69	0.05	0.69
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	20	0.69	0.05	0.69
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	20	0.69	0.08	0.69
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	20	0.69	0.08	0.69
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	20	0.69	0.06	0.71
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	20	0.69	0.09	0.66
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	20	0.69	0.09	0.66
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	20	0.69	0.03	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	20	0.69	0.03	0.68
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	20	0.68	0.24	0.6
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	20	0.68	0.24	0.6
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	20	0.68	0.12	0.69
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	20	0.68	0.09	0.67
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	20	0.68	0.03	0.68

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	20	0.68	0.03	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	20	0.68	0.03	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	20	0.68	0.01	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	20	0.68	0.01	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	20	0.68	0.01	0.68
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	20	0.68	0.09	0.66
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	20	0.68	0.09	0.66
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	20	0.68	0.05	0.66
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	20	0.68	0.05	0.66
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	20	0.68	0.05	0.66
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	20	0.68	0.09	0.68
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	20	0.68	0.22	0.62
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	20	0.68	0.03	0.68
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	20	0.68	0.13	0.72
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	20	0.68	0.13	0.72
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	20	0.68	0.11	0.62
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	20	0.68	0.11	0.62
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	20	0.68	0.19	0.68
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	20	0.67	0.16	0.62
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	20	0.67	0.16	0.62
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	20	0.67	0.2	0.65
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	20	0.67	0.03	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	20	0.67	0.03	0.66
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	20	0.67	0.16	0.64
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	20	0.67	0.05	0.67
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	20	0.67	0.06	0.67
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	20	0.67	0.01	0.67
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	20	0.67	0.01	0.67
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	20	0.67	0.01	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	20	0.67	0.01	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	20	0.67	0.01	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	20	0.67	0.01	0.67
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	20	0.67	0.47	0.48
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	20	0.67	0.47	0.48
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	20	0.67	0.04	0.68
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	20	0.67	0.07	0.65
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	20	0.67	0.07	0.65
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	20	0.67	0.45	0.44
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	20	0.67	0.08	0.63
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	20	0.67	0.08	0.63
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	20	0.67	0.1	0.64
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	20	0.66	0.25	0.55

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	20	0.66	0.25	0.55
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	20	0.66	0.06	0.68
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	20	0.66	0.07	0.68
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	20	0.66	0.09	0.68
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	20	0.66	0.19	0.58
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	20	0.66	0.19	0.58
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	20	0.66	0.14	0.72
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	20	0.66	0.12	0.62
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	20	0.66	0.12	0.62
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	20	0.66	0.06	0.66
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	20	0.66	0.06	0.66
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	20	0.66	0.15	0.66
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	20	0.66	0.06	0.65
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	20	0.66	0.13	0.64
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	20	0.66	0.04	0.65
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	20	0.66	0.24	0.61
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	20	0.65	0.11	0.64
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	20	0.65	0.0	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	20	0.65	0.0	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	20	0.65	0.0	0.65
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	20	0.65	0.08	0.63
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	20	0.65	0.08	0.63
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	20	0.65	0.04	0.66
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	20	0.65	0.04	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	20	0.65	0.01	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	20	0.65	0.01	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	20	0.65	0.01	0.65
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	20	0.65	0.03	0.64
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	20	0.65	0.11	0.67
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	20	0.65	0.28	0.52
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	20	0.65	0.28	0.52
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	20	0.65	0.28	0.52
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	20	0.65	0.05	0.63
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	20	0.65	0.05	0.63
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	20	0.64	0.11	0.6
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	20	0.64	0.11	0.6
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	20	0.64	0.12	0.65
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	20	0.64	0.05	0.64
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	20	0.64	0.05	0.63
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	20	0.64	0.05	0.63
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	20	0.64	0.06	0.62
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	20	0.64	0.11	0.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	20	0.64	0.11	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	20	0.64	0.11	0.58
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	20	0.64	0.18	0.63
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	20	0.64	0.01	0.64
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	20	0.64	0.01	0.64
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	20	0.64	0.02	0.64
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	20	0.64	0.02	0.64
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	20	0.64	0.07	0.64
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	20	0.64	0.04	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	20	0.64	0.04	0.62
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	20	0.64	0.02	0.64
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	20	0.63	0.04	0.64
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	20	0.63	0.04	0.64
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	20	0.63	0.06	0.62
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	20	0.63	0.13	0.66
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	20	0.63	0.12	0.64
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	20	0.63	0.09	0.62
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	20	0.63	0.03	0.63
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	20	0.63	0.18	0.6
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	20	0.63	0.1	0.64
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	20	0.63	0.05	0.62
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	20	0.63	0.13	0.64
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	20	0.63	0.16	0.62
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	20	0.63	0.18	0.54
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	20	0.63	0.18	0.54
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	20	0.63	0.08	0.63
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	20	0.63	0.08	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	20	0.63	0.0	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	20	0.63	0.0	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	20	0.63	0.0	0.63
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	20	0.63	0.09	0.59
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	20	0.63	0.09	0.59
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	20	0.63	0.08	0.62
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	20	0.63	0.08	0.62
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	20	0.63	0.02	0.63
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	20	0.63	0.23	0.66
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	20	0.63	0.08	0.65
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	20	0.63	0.08	0.62
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	20	0.63	0.08	0.62
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	20	0.63	0.3	0.54
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	20	0.62	0.08	0.63
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	20	0.62	0.04	0.63

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	20	0.62	0.16	0.6
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	20	0.62	0.03	0.62
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	20	0.62	0.08	0.63
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	20	0.62	0.04	0.61
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	20	0.62	0.04	0.61
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	20	0.62	0.06	0.62
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	20	0.62	0.38	0.44
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	20	0.62	0.05	0.64
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	20	0.62	0.1	0.59
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	20	0.62	0.06	0.61
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	20	0.62	0.47	0.42
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	20	0.62	0.47	0.42
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	20	0.61	0.25	0.64
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	20	0.61	0.05	0.62
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	20	0.61	0.07	0.62
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	20	0.61	0.07	0.62
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	20	0.61	0.11	0.6
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	20	0.61	0.05	0.6
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	20	0.61	0.05	0.6
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	20	0.61	0.1	0.57
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	20	0.61	0.1	0.6
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	20	0.6	0.19	0.58
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	20	0.6	0.16	0.62
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	20	0.6	0.06	0.6
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	20	0.6	0.01	0.6
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	20	0.6	0.01	0.6
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	20	0.6	0.05	0.6
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	20	0.6	0.08	0.58
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	20	0.6	0.03	0.59
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	20	0.6	0.03	0.59
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	20	0.6	0.03	0.59
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	20	0.6	0.16	0.56
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	20	0.6	0.07	0.6
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	20	0.6	0.07	0.6
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	20	0.6	0.09	0.6
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	20	0.6	0.21	0.62
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	20	0.6	0.07	0.57
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	20	0.6	0.07	0.57
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	20	0.6	0.1	0.58
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	20	0.6	0.1	0.58
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	20	0.6	0.07	0.6
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	20	0.59	0.05	0.58

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	20	0.59	0.05	0.58
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	20	0.59	0.05	0.59
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	20	0.59	0.05	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	20	0.59	0.03	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	20	0.59	0.03	0.58
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	20	0.59	0.04	0.58
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	20	0.59	0.04	0.58
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	20	0.59	0.16	0.52
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	20	0.59	0.16	0.52
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	20	0.59	0.12	0.58
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	20	0.59	0.23	0.52
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	20	0.59	0.01	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	20	0.59	0.01	0.59
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	20	0.59	0.02	0.59
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	20	0.59	0.02	0.59
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	20	0.59	0.31	0.59
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	20	0.59	0.07	0.56
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	20	0.59	0.04	0.58
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	20	0.59	0.1	0.56
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	20	0.58	0.09	0.56
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	20	0.58	0.09	0.56
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	20	0.58	0.05	0.58
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	20	0.58	0.09	0.57
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	20	0.58	0.32	0.45
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	20	0.58	0.04	0.58
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	20	0.58	0.05	0.58
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	20	0.58	0.05	0.58
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	20	0.58	0.06	0.58
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	20	0.58	0.06	0.58
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	20	0.58	0.05	0.57
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	20	0.58	0.05	0.58
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	20	0.58	0.07	0.6
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	20	0.58	0.07	0.6
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	20	0.58	0.02	0.57
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	20	0.58	0.02	0.57
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	20	0.58	0.06	0.57
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	20	0.58	0.04	0.57
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	20	0.58	0.07	0.58
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	20	0.58	0.08	0.56
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	20	0.58	0.01	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	20	0.58	0.01	0.57
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	20	0.57	0.06	0.55

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	20	0.57	0.06	0.55
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	20	0.57	0.06	0.58
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	20	0.57	0.03	0.57
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	20	0.57	0.03	0.57
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	20	0.57	0.15	0.57
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	20	0.57	0.13	0.59
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	20	0.57	0.06	0.55
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	20	0.57	0.04	0.57
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	20	0.57	0.28	0.62
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	20	0.57	0.28	0.62
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	20	0.57	0.07	0.56
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	20	0.57	0.05	0.56
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	20	0.57	0.06	0.55
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	20	0.57	0.03	0.56
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	20	0.57	0.03	0.56
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	20	0.56	0.17	0.58
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	20	0.56	0.19	0.56
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	20	0.56	0.04	0.56
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	20	0.56	0.08	0.58
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	20	0.56	0.05	0.56
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	20	0.56	0.05	0.56
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	20	0.56	0.14	0.59
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	20	0.56	0.08	0.52
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	20	0.56	0.08	0.52
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	20	0.56	0.09	0.56
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	20	0.56	0.07	0.53
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	20	0.56	0.07	0.53
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	20	0.56	0.1	0.56
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	20	0.56	0.07	0.55
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	20	0.56	0.07	0.55
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	20	0.55	0.09	0.52
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	20	0.55	0.07	0.56
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	20	0.55	0.14	0.48
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	20	0.55	0.14	0.48
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	20	0.55	0.09	0.56
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	20	0.55	0.22	0.54
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	20	0.55	0.06	0.56
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	20	0.55	0.02	0.55
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	20	0.55	0.02	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	20	0.55	0.01	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	20	0.55	0.01	0.55
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	20	0.55	0.14	0.5

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	20	0.55	0.08	0.57
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	20	0.55	0.1	0.55
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	20	0.55	0.15	0.53
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	20	0.55	0.19	0.6
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	20	0.54	0.06	0.54
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	20	0.54	0.03	0.54
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	20	0.54	0.02	0.54
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	20	0.54	0.02	0.54
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	20	0.54	0.04	0.54
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	20	0.54	0.09	0.55
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	20	0.54	0.05	0.52
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	20	0.54	0.05	0.52
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	20	0.54	0.15	0.55
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	20	0.54	0.13	0.56
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	20	0.54	0.04	0.53
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	20	0.54	0.09	0.54
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	20	0.53	0.05	0.54
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	20	0.53	0.15	0.52
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	20	0.53	0.15	0.52
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	20	0.53	0.0	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	20	0.53	0.0	0.53
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	20	0.53	0.17	0.51
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	20	0.53	0.06	0.52
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	20	0.53	0.08	0.55
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	20	0.53	0.12	0.49
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	20	0.53	0.13	0.5
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	20	0.53	0.01	0.53
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	20	0.53	0.01	0.53
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	20	0.52	0.11	0.53
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	20	0.52	0.06	0.53
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	20	0.52	0.25	0.47
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	20	0.52	0.06	0.55
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	20	0.52	0.06	0.55
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	20	0.52	0.14	0.5
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	20	0.52	0.05	0.52
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	20	0.52	0.04	0.52
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	20	0.52	0.22	0.44
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	20	0.52	0.03	0.52
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	20	0.52	0.09	0.48
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	20	0.52	0.07	0.5
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	20	0.52	0.03	0.51
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	20	0.52	0.03	0.51

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	20	0.52	0.04	0.51
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	20	0.52	0.1	0.5
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	20	0.51	0.02	0.52
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	20	0.51	0.03	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	20	0.51	0.03	0.5
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	20	0.51	0.12	0.5
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	20	0.51	0.06	0.52
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	20	0.51	0.03	0.51
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	20	0.51	0.03	0.51
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	20	0.51	0.04	0.51
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	20	0.51	0.07	0.48
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	20	0.51	0.07	0.48
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	20	0.51	0.05	0.52
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	20	0.51	0.04	0.5
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	20	0.51	0.06	0.51
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	20	0.51	0.05	0.5
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	20	0.51	0.09	0.5
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	20	0.5	0.11	0.46
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	20	0.5	0.11	0.46
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	20	0.5	0.07	0.48
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	20	0.5	0.11	0.5
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	20	0.5	0.04	0.5
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	20	0.5	0.04	0.5
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	20	0.5	0.06	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	20	0.5	0.01	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	20	0.5	0.01	0.5
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	20	0.5	0.11	0.54
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	20	0.5	0.07	0.49
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	20	0.5	0.06	0.49
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	20	0.5	0.06	0.53
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	20	0.5	0.13	0.5
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	20	0.5	0.18	0.5
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	20	0.5	0.04	0.5
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	20	0.49	0.1	0.48
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	20	0.49	0.11	0.52
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	20	0.49	0.17	0.5
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	20	0.49	0.11	0.49
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	20	0.49	0.08	0.48
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	20	0.49	0.16	0.53
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	20	0.49	0.02	0.48
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	20	0.49	0.02	0.48
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	20	0.49	0.34	0.4

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	20	0.49	0.34	0.4
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	20	0.49	0.09	0.5
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	20	0.49	0.04	0.48
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	20	0.49	0.04	0.48
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	20	0.49	0.07	0.47
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	20	0.49	0.06	0.48
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	20	0.48	0.14	0.48
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	20	0.48	0.08	0.47
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	20	0.48	0.03	0.48
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	20	0.48	0.21	0.42
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	20	0.48	0.05	0.48
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	20	0.48	0.08	0.48
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	20	0.48	0.22	0.43
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	20	0.48	0.12	0.45
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	20	0.48	0.05	0.48
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	20	0.48	0.12	0.48
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	20	0.47	0.13	0.45
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	20	0.47	0.08	0.46
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	20	0.47	0.12	0.48
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	20	0.47	0.15	0.46
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	20	0.47	0.18	0.42
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	20	0.47	0.14	0.5
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	20	0.47	0.39	0.32
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	20	0.47	0.07	0.46
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	20	0.47	0.15	0.47
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	20	0.47	0.07	0.46
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	20	0.47	0.08	0.46
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	20	0.47	0.01	0.47
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	20	0.47	0.01	0.47
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	20	0.46	0.06	0.42
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	20	0.46	0.12	0.46
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	20	0.46	0.14	0.46
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	20	0.46	0.11	0.47
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	20	0.46	0.11	0.46
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	20	0.46	0.1	0.46
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	20	0.46	0.1	0.46
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	20	0.46	0.07	0.46
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	20	0.45	0.16	0.5
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	20	0.45	0.06	0.45
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	20	0.45	0.44	0.28
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	20	0.45	0.15	0.45
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	20	0.45	0.05	0.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	20	0.45	0.09	0.45
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	20	0.45	0.06	0.46
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	20	0.45	0.21	0.37
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	20	0.45	0.11	0.46
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	20	0.45	0.11	0.47
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	20	0.45	0.14	0.44
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	20	0.45	0.03	0.45
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	20	0.45	0.04	0.44
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	20	0.44	0.08	0.42
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	20	0.44	0.13	0.44
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	20	0.44	0.05	0.44
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	20	0.44	0.04	0.44
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	20	0.44	0.16	0.46
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	20	0.44	0.13	0.44
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	20	0.44	0.03	0.44
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	20	0.44	0.08	0.43
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	20	0.44	0.11	0.41
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	20	0.43	0.09	0.43
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	20	0.43	0.1	0.42
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	20	0.43	0.18	0.41
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	20	0.43	0.07	0.44
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	20	0.42	0.11	0.42
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	20	0.42	0.06	0.44
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	20	0.42	0.1	0.4
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	20	0.42	0.03	0.42
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	20	0.42	0.06	0.41
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	20	0.42	0.11	0.42
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	20	0.42	0.11	0.44
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	20	0.42	0.05	0.41
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	20	0.41	0.07	0.39
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	20	0.41	0.04	0.42
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	20	0.41	0.04	0.4
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	20	0.4	0.1	0.4
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	20	0.4	0.02	0.4
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	20	0.4	0.06	0.4
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	20	0.4	0.01	0.4
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	20	0.4	0.01	0.4
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	20	0.4	0.13	0.41
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	20	0.4	0.13	0.44
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	20	0.4	0.04	0.39
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	20	0.4	0.1	0.42
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	20	0.4	0.08	0.38

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	20	0.4	0.08	0.38
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	20	0.4	0.08	0.38
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	20	0.4	0.08	0.38
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	20	0.39	0.05	0.39
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	20	0.39	0.49	0.2
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	20	0.39	0.04	0.4
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	20	0.39	0.18	0.3
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	20	0.38	0.08	0.4
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	20	0.38	0.08	0.39
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	20	0.38	0.07	0.38
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	20	0.38	0.06	0.37
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	20	0.38	0.16	0.34
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	20	0.37	0.09	0.36
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	20	0.37	0.09	0.34
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	20	0.37	0.14	0.32
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	20	0.37	0.05	0.38
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	20	0.37	0.05	0.37
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	20	0.37	0.05	0.38
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	20	0.37	0.04	0.36
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	20	0.37	0.12	0.35
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	20	0.37	0.02	0.37
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	20	0.36	0.09	0.38
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	20	0.36	0.08	0.36
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	20	0.36	0.06	0.38
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	20	0.36	0.15	0.3
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	20	0.36	0.06	0.36
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	20	0.36	0.13	0.33
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	20	0.36	0.17	0.41
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	20	0.36	0.06	0.36
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	20	0.35	0.05	0.35
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	20	0.35	0.09	0.4
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	20	0.35	0.05	0.34
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	20	0.35	0.04	0.36
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	20	0.35	0.11	0.35
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	20	0.35	0.01	0.35
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	20	0.35	0.03	0.34
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	20	0.34	0.06	0.36
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	20	0.34	0.05	0.35
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	20	0.34	0.08	0.33
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	20	0.34	0.05	0.35
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	20	0.34	0.1	0.31
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	20	0.34	0.11	0.33

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	20	0.34	0.04	0.35
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	20	0.33	0.12	0.3
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	20	0.33	0.08	0.32
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	20	0.33	0.11	0.33
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	20	0.33	0.06	0.33
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	20	0.33	0.02	0.34
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	20	0.33	0.07	0.32
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	20	0.32	0.05	0.33
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	20	0.32	0.05	0.33
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	20	0.32	0.02	0.32
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	20	0.32	0.12	0.31
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	20	0.32	0.05	0.33
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	20	0.32	0.11	0.29
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	20	0.32	0.06	0.32
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	20	0.32	0.03	0.32
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	20	0.31	0.08	0.32
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	20	0.31	0.02	0.32
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	20	0.31	0.13	0.28
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	20	0.31	0.07	0.3
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	20	0.31	0.07	0.34
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	20	0.31	0.04	0.32
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	20	0.31	0.07	0.31
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	20	0.31	0.05	0.3
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	20	0.3	0.06	0.32
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	20	0.3	0.07	0.31
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	20	0.3	0.07	0.28
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	20	0.3	0.13	0.26
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	20	0.3	0.07	0.29
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	20	0.3	0.09	0.3
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	20	0.3	0.1	0.29
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	20	0.3	0.08	0.32
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	20	0.3	0.05	0.29
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	20	0.29	0.09	0.3
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	20	0.29	0.07	0.27
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	20	0.29	0.06	0.29
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	20	0.29	0.07	0.26
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	20	0.29	0.08	0.26
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	20	0.29	0.08	0.26
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	20	0.28	0.07	0.26
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	20	0.28	0.06	0.28
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	20	0.28	0.06	0.29
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	20	0.28	0.06	0.28

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	20	0.28	0.08	0.26
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	20	0.28	0.05	0.26
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	20	0.28	0.09	0.31
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	20	0.27	0.04	0.27
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	20	0.27	0.06	0.28
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	20	0.27	0.08	0.26
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	20	0.27	0.01	0.27
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	20	0.27	0.06	0.26
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	20	0.27	0.01	0.27
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	20	0.27	0.07	0.28
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	20	0.27	0.07	0.26
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	20	0.27	0.05	0.28
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	20	0.27	0.03	0.27
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	20	0.26	0.05	0.28
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	20	0.26	0.06	0.26
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	20	0.26	0.12	0.24
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	20	0.26	0.02	0.26
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	20	0.26	0.15	0.21
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	20	0.26	0.03	0.25
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	20	0.25	0.03	0.25
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	20	0.25	0.05	0.25
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	20	0.25	0.08	0.25
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	20	0.25	0.04	0.24
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	20	0.24	0.01	0.24
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	20	0.24	0.07	0.26
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	20	0.24	0.02	0.24
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	20	0.24	0.07	0.22
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	20	0.23	0.04	0.23
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	20	0.23	0.06	0.24
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	20	0.23	0.06	0.23
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	20	0.23	0.07	0.23
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	20	0.22	0.06	0.22
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	20	0.22	0.08	0.23
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	20	0.22	0.04	0.23
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	20	0.22	0.02	0.22
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	20	0.21	0.02	0.21
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	20	0.21	0.04	0.21
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	20	0.21	0.05	0.22
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	20	0.21	0.05	0.2
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	20	0.2	0.04	0.19
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	20	0.2	0.04	0.2
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	20	0.19	0.03	0.19

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	20	0.19	0.04	0.2
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	20	0.19	0.11	0.16
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	20	0.19	0.02	0.18
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	20	0.18	0.02	0.18
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	20	0.18	0.05	0.18
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	20	0.18	0.02	0.18
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	20	0.17	0.03	0.18
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	20	0.17	0.02	0.16
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	20	0.16	0.03	0.15
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	20	0.16	0.03	0.16
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	20	0.15	0.01	0.15
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	19	2.41	0.87	2.69
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	19	2.41	0.87	2.69
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	19	2.41	0.87	2.69
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	19	2.41	0.87	2.69
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	19	2.41	0.87	2.69
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	19	2.41	0.87	2.69
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	19	1.89	0.78	2.2
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	19	1.49	0.29	1.55
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	19	1.3	0.89	1.49
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	19	1.22	0.31	1.25
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	19	1.18	0.36	1.16
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	19	1.18	0.36	1.16
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	19	1.18	0.36	1.16
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	19	1.18	0.36	1.16
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	19	1.18	0.36	1.16
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	19	1.18	0.36	1.16
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	19	0.94	0.17	0.92
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	19	0.83	0.34	0.9
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	19	0.83	0.34	0.9
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	19	0.83	0.34	0.9
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	19	0.83	0.34	0.9
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	19	0.83	0.34	0.9
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	19	0.83	0.34	0.9
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	19	0.72	0.24	0.69
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	19	0.7	0.38	0.61
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	19	0.66	0.3	0.65
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	19	0.64	0.21	0.6
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	19	0.64	0.16	0.66
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	19	0.62	0.12	0.6
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	19	0.57	0.11	0.62
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	19	0.55	0.21	0.55

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	19	0.54	0.23	0.53
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	19	0.51	0.15	0.46
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	19	0.5	0.23	0.54
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	19	0.46	0.14	0.51
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	19	0.44	0.21	0.43
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	19	0.43	0.16	0.42
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	19	0.43	0.1	0.43
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	19	0.42	0.13	0.42
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	19	0.42	0.11	0.43
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	19	0.4	0.18	0.41
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	19	0.39	0.08	0.37
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	19	0.39	0.17	0.36
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	19	0.38	0.13	0.42
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	19	0.37	0.14	0.33
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	19	0.37	0.1	0.37
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	19	0.36	0.14	0.35
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	19	0.36	0.11	0.35
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	19	0.36	0.11	0.35
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	19	0.34	0.12	0.4
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	19	0.34	0.09	0.38
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	19	0.33	0.18	0.29
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	19	0.33	0.12	0.33
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	19	0.33	0.13	0.29
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	19	0.32	0.07	0.33
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	19	0.32	0.12	0.31
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	19	0.31	0.1	0.35
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	19	0.3	0.09	0.28
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	19	0.28	0.1	0.24
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	19	0.27	0.12	0.21
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	19	0.27	0.04	0.28
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	19	0.25	0.11	0.23
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	19	0.25	0.09	0.23
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	19	0.25	0.08	0.23
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	19	0.24	0.04	0.24
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	19	0.23	0.11	0.18
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	19	0.22	0.09	0.21
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	19	0.22	0.07	0.21
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	19	0.22	0.05	0.22
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	19	0.21	0.04	0.22
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	19	0.21	0.07	0.19
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	19	0.19	0.06	0.18
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	19	0.19	0.05	0.19

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	19	0.18	0.04	0.16
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	19	0.15	0.03	0.14
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	19	0.14	0.03	0.14
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	19	0.13	0.01	0.13
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	19	0.13	0.02	0.13
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	18	1.99	0.48	2.05
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	18	1.99	0.48	2.05
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	18	1.99	0.48	2.05
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	18	1.99	0.48	2.05
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	18	1.57	0.29	1.58
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	18	1.2	0.48	1.08
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	18	1.2	0.48	1.08
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	18	1.2	0.48	1.08
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	18	1.2	0.48	1.08
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	18	1.01	0.3	1.08
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	18	0.96	0.47	1.05
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	18	0.82	0.31	0.93
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	18	0.63	0.36	0.5
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	18	0.58	0.17	0.58
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	18	0.56	0.17	0.58
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	18	0.55	0.27	0.55
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	18	0.49	0.21	0.45
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	18	0.42	0.19	0.44
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	18	0.41	0.13	0.38
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	18	0.41	0.17	0.4
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	18	0.41	0.16	0.43
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	18	0.38	0.12	0.38
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	18	0.33	0.13	0.3
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	18	0.32	0.14	0.35
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	18	0.31	0.13	0.32
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	18	0.31	0.16	0.32
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	18	0.3	0.13	0.31
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	18	0.3	0.11	0.28
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	18	0.3	0.15	0.24
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	18	0.29	0.08	0.28
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	18	0.28	0.14	0.23
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	18	0.28	0.11	0.26
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	18	0.27	0.12	0.22
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	18	0.25	0.06	0.26
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	18	0.25	0.09	0.24
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	18	0.25	0.07	0.24
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	18	0.25	0.06	0.26

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	18	0.23	0.09	0.24
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	18	0.23	0.09	0.24
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	18	0.23	0.09	0.24
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	18	0.21	0.08	0.22
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	18	0.19	0.05	0.18
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	18	0.18	0.04	0.19
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	18	0.15	0.02	0.15
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	17	1.41	0.72	1.79
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	17	0.81	0.23	0.8
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	17	0.81	0.23	0.8
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	17	0.81	0.23	0.8
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	17	0.81	0.23	0.8
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	17	0.63	0.25	0.74
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	17	0.62	0.26	0.6
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	17	0.57	0.18	0.55
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	17	0.48	0.2	0.52
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	17	0.48	0.18	0.48
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	17	0.48	0.18	0.48
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	17	0.48	0.18	0.48
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	17	0.45	0.13	0.48
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	17	0.41	0.09	0.41
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	17	0.39	0.15	0.38
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	17	0.32	0.24	0.24
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	17	0.29	0.14	0.3
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	17	0.26	0.12	0.26
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	17	0.25	0.1	0.22
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	17	0.24	0.07	0.24
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	17	0.22	0.07	0.22
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	17	0.21	0.07	0.2
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	17	0.2	0.05	0.19
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	17	0.2	0.06	0.21
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	17	0.19	0.06	0.17
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	17	0.19	0.06	0.17
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	17	0.18	0.06	0.18
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	17	0.18	0.06	0.18
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	17	0.17	0.05	0.15
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	17	0.16	0.03	0.16
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	17	0.14	0.01	0.14
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	16	2.05	0.53	2.24
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	16	1.63	0.41	1.74
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	16	1.44	0.14	1.42
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	16	0.55	0.18	0.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	16	0.5	0.47	0.3
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	16	0.49	0.24	0.52
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	16	0.49	0.24	0.52
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	16	0.49	0.24	0.52
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	16	0.45	0.15	0.44
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	16	0.42	0.11	0.4
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	16	0.42	0.11	0.4
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	16	0.42	0.11	0.4
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	16	0.39	0.04	0.4
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	16	0.3	0.11	0.28
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	16	0.27	0.11	0.28
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	16	0.26	0.07	0.26
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	16	0.26	0.11	0.25
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	16	0.25	0.08	0.25
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	16	0.24	0.09	0.23
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	16	0.23	0.11	0.2
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	16	0.23	0.08	0.24
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	16	0.23	0.09	0.22
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	16	0.21	0.07	0.2
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	16	0.21	0.07	0.21
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	16	0.21	0.07	0.21
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	16	0.2	0.08	0.18
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	16	0.2	0.07	0.18
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	16	0.19	0.05	0.18
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	16	0.18	0.05	0.2
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	16	0.17	0.04	0.17
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	16	0.16	0.04	0.16
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	16	0.15	0.02	0.15
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	16	0.15	0.04	0.16
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	16	0.11	0.01	0.11
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	15	1.58	0.75	2.02
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	15	1.01	0.22	1.06
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	15	1.01	0.22	1.06
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	15	1.01	0.22	1.06
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	15	1.01	0.22	1.06
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	15	1.01	0.22	1.06
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	15	1.01	0.22	1.06
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	15	0.74	0.39	0.69
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	15	0.73	0.3	0.88
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	15	0.41	0.17	0.34
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	15	0.39	0.19	0.35
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	15	0.36	0.11	0.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	15	0.35	0.14	0.35
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	15	0.3	0.15	0.27
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	15	0.3	0.11	0.3
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	15	0.22	0.08	0.22
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	15	0.21	0.05	0.2
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	15	0.2	0.06	0.21
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	15	0.17	0.09	0.12
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	15	0.16	0.03	0.15
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	15	0.15	0.02	0.15
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	15	0.13	0.02	0.13
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	14	1.67	0.34	1.59
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	14	1.67	0.34	1.59
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	14	1.67	0.34	1.59
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	14	1.67	0.34	1.59
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	14	0.85	0.12	0.86
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	14	0.48	0.33	0.32
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	14	0.37	0.14	0.39
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	14	0.35	0.21	0.31
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	14	0.31	0.11	0.28
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	14	0.26	0.13	0.19
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	14	0.24	0.09	0.24
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	14	0.23	0.04	0.24
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	14	0.23	0.09	0.2
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	14	0.23	0.09	0.19
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	14	0.21	0.05	0.2
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	14	0.2	0.04	0.22
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	14	0.19	0.06	0.18
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	14	0.18	0.05	0.17
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	14	0.18	0.07	0.16
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	14	0.17	0.05	0.17
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	14	0.15	0.03	0.15
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	14	0.14	0.02	0.15
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	14	0.14	0.03	0.12
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	14	0.13	0.03	0.12
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	14	0.13	0.02	0.12
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	14	0.13	0.02	0.12
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	13	0.49	0.32	0.46
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	13	0.43	0.22	0.37
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	13	0.43	0.22	0.37
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	13	0.39	0.17	0.36
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	13	0.34	0.18	0.29
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	13	0.34	0.17	0.31

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	13	0.33	0.26	0.24
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	13	0.33	0.08	0.33
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	13	0.3	0.11	0.31
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	13	0.29	0.11	0.3
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	13	0.28	0.16	0.24
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	13	0.28	0.16	0.22
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	13	0.21	0.08	0.2
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	13	0.21	0.09	0.17
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	13	0.2	0.06	0.21
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	13	0.19	0.06	0.17
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	13	0.18	0.06	0.18
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	13	0.18	0.06	0.15
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	13	0.16	0.02	0.17
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	13	0.15	0.05	0.14
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	12	1.04	0.06	1.06
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	12	0.36	0.1	0.35
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	12	0.35	0.19	0.34
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	12	0.29	0.12	0.3
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	12	0.29	0.12	0.3
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	12	0.28	0.13	0.26
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	12	0.27	0.12	0.26
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	12	0.25	0.08	0.23
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	12	0.21	0.06	0.22
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	12	0.21	0.07	0.2
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	12	0.18	0.06	0.18
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	12	0.16	0.05	0.15
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	12	0.16	0.05	0.15
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	12	0.15	0.03	0.16
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	12	0.15	0.03	0.15
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	12	0.12	0.01	0.11
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	11	1.02	0.17	1.06
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	11	0.97	0.2	0.86
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	11	0.69	0.08	0.67
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	11	0.64	0.34	0.65
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	11	0.64	0.34	0.65
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	11	0.64	0.34	0.65
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	11	0.64	0.34	0.65
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	11	0.64	0.34	0.65
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	11	0.64	0.34	0.65
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	11	0.41	0.24	0.46
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	11	0.35	0.12	0.36
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	11	0.35	0.18	0.31

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	11	0.32	0.19	0.29
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	11	0.31	0.07	0.32
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	11	0.25	0.09	0.28
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	11	0.25	0.09	0.28
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	11	0.25	0.09	0.28
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	11	0.25	0.17	0.2
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	11	0.23	0.1	0.23
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	11	0.22	0.06	0.24
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	11	0.2	0.07	0.18
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	11	0.16	0.04	0.14
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	11	0.16	0.06	0.13
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	11	0.16	0.1	0.12
(1,2568)	1:837:A:LEU:H	1:837:A:LEU:HG	10	1.43	0.4	1.56
(1,2406)	1:867:A:SER:HA	1:911:A:HIS:HD2	10	0.26	0.12	0.24
(1,1107)	1:818:A:THR:HA	1:820:A:LYS:H	10	0.26	0.1	0.24
(1,735)	1:915:A:GLU:HA	1:918:A:GLN:HB2	10	0.26	0.13	0.22
(1,1845)	1:890:A:SER:HA	1:892:A:GLY:H	10	0.24	0.1	0.24
(1,1350)	1:846:A:GLU:HA	1:849:A:THR:H	10	0.23	0.08	0.23
(1,1445)	1:855:A:GLN:HE22	1:896:A:LEU:HG	10	0.22	0.05	0.21
(1,765)	1:917:A:ILE:H	1:918:A:GLN:HG3	10	0.18	0.06	0.15
(1,1805)	1:887:A:THR:H	1:888:A:LEU:HB3	10	0.18	0.03	0.18
(1,1392)	1:851:A:LEU:HB2	1:852:A:LEU:H	10	0.16	0.03	0.16
(1,2661)	1:861:A:LEU:H	1:863:A:GLU:H	10	0.15	0.04	0.14
(1,2018)	1:908:A:PRO:HB3	1:909:A:ASN:H	10	0.14	0.04	0.14
(1,3240)	1:861:A:LEU:CG	1:864:A:LYS:HB2	9	0.33	0.18	0.31
(1,1391)	1:851:A:LEU:HB3	1:852:A:LEU:H	9	0.31	0.06	0.3
(1,3110)	1:832:A:THR:HB	1:837:A:LEU:CG	9	0.29	0.1	0.3
(1,2473)	1:811:A:GLN:HE21	1:814:A:ASN:HB3	9	0.27	0.13	0.25
(1,3117)	1:834:A:PRO:HA	1:837:A:LEU:CG	9	0.22	0.03	0.22
(1,905)	1:800:A:ILE:HG13	1:801:A:ALA:H	9	0.2	0.08	0.19
(1,2542)	1:816:A:LEU:HB2	1:825:A:CYS:H	9	0.16	0.04	0.17
(1,2998)	1:917:A:ILE:H	1:919:A:ALA:H	9	0.16	0.04	0.14
(1,1972)	1:903:A:ASP:H	1:904:A:LEU:HB2	9	0.16	0.03	0.16
(1,2561)	1:888:A:LEU:HB3	1:889:A:ILE:H	9	0.15	0.04	0.14
(1,2184)	1:921:A:LYS:HB3	1:923:A:GLN:H	9	0.13	0.03	0.11
(1,2027)	1:910:A:ASN:HA	1:910:A:ASN:HD22	8	0.73	0.3	0.87
(1,1532)	1:860:A:ASN:HA	1:864:A:LYS:H	8	0.44	0.21	0.46
(1,1084)	1:818:A:THR:H	1:819:A:ARG:HG3	8	0.21	0.09	0.2
(1,2965)	1:893:A:GLN:HB3	1:894:A:LYS:H	8	0.18	0.1	0.15
(1,1992)	1:903:A:ASP:HB3	1:905:A:SER:H	8	0.18	0.05	0.17
(1,2238)	1:876:A:LEU:HA	1:924:A:TYR:HH	8	0.15	0.04	0.14
(1,893)	1:798:A:LEU:H	1:799:A:PRO:HD2	8	0.13	0.03	0.12

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1928)	1:899:A:GLN:HB3	1:900:A:LEU:H	8	0.12	0.02	0.11
(1,540)	1:884:A:MET:HG3	1:885:A:MET:H	7	0.93	0.35	1.02
(1,1234)	1:828:A:LEU:HG	1:832:A:THR:H	7	0.43	0.19	0.41
(1,3005)	1:923:A:GLN:HE21	1:925:A:GLU:H	7	0.26	0.15	0.21
(1,1587)	1:893:A:GLN:HA	1:895:A:GLU:H	7	0.26	0.08	0.22
(1,1844)	1:892:A:GLY:H	1:894:A:LYS:H	7	0.17	0.04	0.17
(1,2064)	1:913:A:THR:H	1:915:A:GLU:H	7	0.16	0.05	0.13
(1,1716)	1:878:A:LYS:HB3	1:879:A:ALA:H	7	0.14	0.02	0.13
(1,1802)	1:886:A:LEU:HG	1:887:A:THR:H	7	0.14	0.04	0.12
(1,975)	1:808:A:GLU:H	1:808:A:GLU:HB3	7	0.13	0.03	0.11
(1,10)	1:799:A:PRO:HA	1:800:A:ILE:HA	7	0.13	0.02	0.12
(1,2042)	1:912:A:PHE:H	1:913:A:THR:H	7	0.12	0.01	0.12
(1,1125)	1:821:A:ASP:HB3	1:822:A:LYS:H	6	0.28	0.09	0.28
(1,2005)	1:902:A:GLU:HA	1:906:A:ASP:H	6	0.23	0.07	0.25
(1,1551)	1:867:A:SER:H	1:868:A:LEU:HB3	6	0.19	0.06	0.16
(1,2942)	1:910:A:ASN:HA	1:912:A:PHE:H	6	0.19	0.05	0.17
(1,1884)	1:896:A:LEU:H	1:898:A:GLU:H	6	0.16	0.04	0.17
(1,1538)	1:864:A:LYS:HG3	1:865:A:ASP:H	6	0.16	0.03	0.16
(1,1968)	1:903:A:ASP:H	1:906:A:ASP:H	6	0.14	0.03	0.14
(1,1452)	1:855:A:GLN:HG2	1:856:A:SER:H	6	0.13	0.04	0.12
(1,2659)	1:801:A:ALA:H	1:802:A:LYS:H	6	0.13	0.03	0.12
(1,1858)	1:890:A:SER:H	1:893:A:GLN:HE21	5	1.49	0.79	1.58
(1,631)	1:895:A:GLU:HA	1:895:A:GLU:HG2	5	0.61	0.49	0.65
(1,1854)	1:893:A:GLN:H	1:893:A:GLN:HE21	5	0.39	0.27	0.2
(1,1319)	1:843:A:ASN:HA	1:843:A:ASN:HD22	5	0.32	0.12	0.27
(1,17)	1:799:A:PRO:HA	1:800:A:ILE:HB	5	0.25	0.07	0.22
(1,1886)	1:893:A:GLN:HA	1:896:A:LEU:H	5	0.23	0.04	0.21
(1,2405)	1:889:A:ILE:HA	1:894:A:LYS:H	5	0.21	0.08	0.23
(1,1313)	1:841:A:LEU:HB3	1:842:A:SER:H	5	0.16	0.03	0.16
(1,1246)	1:832:A:THR:H	1:833:A:ALA:H	5	0.15	0.05	0.13
(1,1752)	1:880:A:GLU:HA	1:882:A:PHE:H	5	0.15	0.02	0.16
(1,2104)	1:918:A:GLN:H	1:918:A:GLN:HG3	5	0.14	0.02	0.13
(1,1722)	1:878:A:LYS:HA	1:879:A:ALA:H	5	0.12	0.01	0.12
(1,940)	1:804:A:ASN:HB2	1:805:A:ASN:HD21	4	1.51	0.76	1.48
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD23	4	0.48	0.02	0.48
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD21	4	0.48	0.02	0.48
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD22	4	0.48	0.02	0.48
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG11	4	0.43	0.02	0.44
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG12	4	0.43	0.02	0.44
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG13	4	0.43	0.02	0.44
(1,2108)	1:918:A:GLN:HE21	1:921:A:LYS:HG2	4	0.4	0.08	0.36
(1,896)	1:800:A:ILE:H	1:800:A:ILE:HG13	4	0.36	0.12	0.4

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1241)	1:833:A:ALA:H	1:837:A:LEU:HA	4	0.26	0.1	0.24
(1,18)	1:800:A:ILE:H	1:800:A:ILE:HG12	4	0.23	0.07	0.24
(1,1944)	1:901:A:PHE:H	1:902:A:GLU:HG3	4	0.22	0.1	0.18
(1,907)	1:799:A:PRO:HB2	1:801:A:ALA:H	4	0.19	0.06	0.17
(1,924)	1:804:A:ASN:H	1:809:A:PHE:HA	4	0.18	0.03	0.19
(1,2090)	1:917:A:ILE:H	1:918:A:GLN:HG2	4	0.17	0.01	0.17
(1,510)	1:878:A:LYS:HA	1:878:A:LYS:HE2	4	0.16	0.05	0.15
(1,1221)	1:831:A:ILE:H	1:832:A:THR:HB	4	0.15	0.03	0.15
(1,2945)	1:919:A:ALA:HA	1:922:A:ARG:H	4	0.15	0.03	0.15
(1,1866)	1:894:A:LYS:H	1:896:A:LEU:H	4	0.14	0.04	0.12
(1,2650)	1:813:A:ILE:H	1:816:A:LEU:H	4	0.13	0.02	0.14
(1,2171)	1:922:A:ARG:H	1:923:A:GLN:HB2	4	0.13	0.02	0.13
(1,2068)	1:915:A:GLU:H	1:916:A:ASP:HA	4	0.12	0.02	0.12
(1,718)	1:907:A:THR:H	1:907:A:THR:HB	4	0.12	0.01	0.12
(1,2035)	1:912:A:PHE:H	1:912:A:PHE:HB2	4	0.12	0.02	0.11
(1,2127)	1:918:A:GLN:HG2	1:919:A:ALA:H	4	0.12	0.0	0.12
(1,159)	1:826:A:ALA:HA	1:861:A:LEU:HG	3	1.5	0.11	1.5
(1,374)	1:861:A:LEU:HA	1:861:A:LEU:HG	3	0.6	0.05	0.57
(1,19)	1:800:A:ILE:HG12	1:801:A:ALA:H	3	0.48	0.26	0.66
(1,3139)	1:837:A:LEU:CG	1:876:A:LEU:HB2	3	0.3	0.04	0.3
(1,3139)	1:837:A:LEU:CG	1:876:A:LEU:HB3	3	0.3	0.04	0.3
(1,985)	1:803:A:PRO:HA	1:809:A:PHE:H	3	0.27	0.1	0.29
(1,1095)	1:819:A:ARG:H	1:819:A:ARG:HG2	3	0.21	0.03	0.2
(1,1458)	1:857:A:LEU:H	1:861:A:LEU:HG	3	0.21	0.08	0.18
(1,2105)	1:915:A:GLU:HA	1:918:A:GLN:H	3	0.19	0.06	0.21
(1,961)	1:805:A:ASN:HA	1:807:A:TYR:H	3	0.18	0.01	0.19
(1,1967)	1:901:A:PHE:H	1:903:A:ASP:H	3	0.14	0.04	0.12
(1,1354)	1:849:A:THR:H	1:850:A:PHE:HB3	3	0.14	0.02	0.15
(1,1940)	1:899:A:GLN:H	1:901:A:PHE:H	3	0.14	0.05	0.11
(1,3196)	1:851:A:LEU:CG	1:893:A:GLN:HE21	3	0.14	0.03	0.13
(1,1832)	1:889:A:ILE:HB	1:890:A:SER:H	3	0.12	0.02	0.12
(1,2207)	1:924:A:TYR:H	1:924:A:TYR:HB3	3	0.11	0.01	0.11
(1,2174)	1:918:A:GLN:HA	1:922:A:ARG:H	2	0.54	0.06	0.54
(1,3010)	1:922:A:ARG:H	1:923:A:GLN:HE21	2	0.31	0.16	0.31
(1,2408)	1:834:A:PRO:HA	1:872:A:HIS:HE1	2	0.3	0.05	0.3
(1,2421)	1:824:A:ALA:HA	1:827:A:HIS:HD2	2	0.22	0.07	0.22
(1,3234)	1:857:A:LEU:CG	1:873:A:LEU:HD11	2	0.2	0.08	0.2
(1,3234)	1:857:A:LEU:CG	1:873:A:LEU:HD12	2	0.2	0.08	0.2
(1,3234)	1:857:A:LEU:CG	1:873:A:LEU:HD13	2	0.2	0.08	0.2
(1,2084)	1:915:A:GLU:HB2	1:916:A:ASP:H	2	0.2	0.06	0.2
(1,2574)	1:827:A:HIS:HD2	1:831:A:ILE:HG12	2	0.19	0.01	0.19
(1,236)	1:834:A:PRO:HA	1:837:A:LEU:HA	2	0.18	0.06	0.18

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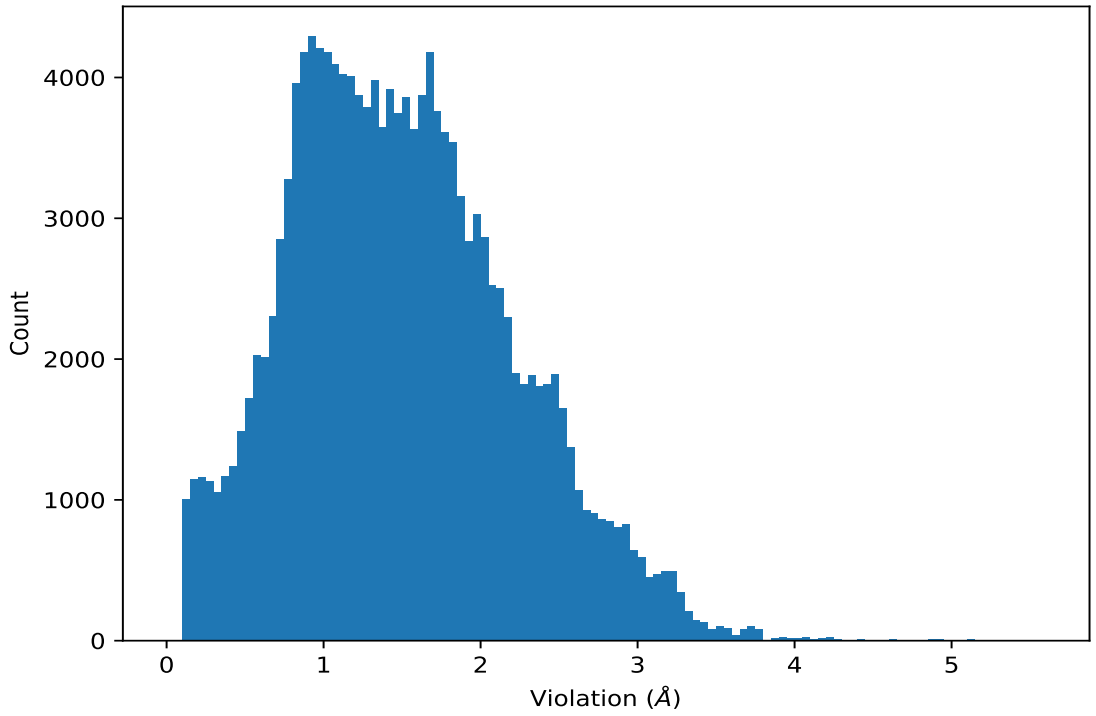
Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2915)	1:811:A:GLN:HA	1:814:A:ASN:HB3	2	0.18	0.06	0.18
(1,1789)	1:885:A:MET:H	1:886:A:LEU:HA	2	0.16	0.06	0.16
(1,2017)	1:908:A:PRO:HG3	1:909:A:ASN:H	2	0.16	0.04	0.16
(1,2440)	1:848:A:ASP:H	1:849:A:THR:HA	2	0.16	0.04	0.16
(1,2059)	1:914:A:LEU:H	1:915:A:GLU:HB2	2	0.16	0.05	0.16
(1,2060)	1:914:A:LEU:H	1:915:A:GLU:HA	2	0.15	0.02	0.15
(1,1074)	1:816:A:LEU:HG	1:817:A:SER:H	2	0.14	0.02	0.14
(1,1090)	1:814:A:ASN:HA	1:818:A:THR:H	2	0.14	0.02	0.14
(1,2013)	1:909:A:ASN:H	1:909:A:ASN:HD21	2	0.13	0.0	0.13
(1,1013)	1:812:A:ILE:H	1:812:A:ILE:HG12	2	0.12	0.02	0.12
(1,1085)	1:816:A:LEU:HB2	1:818:A:THR:H	2	0.12	0.02	0.12
(1,1863)	1:893:A:GLN:HA	1:893:A:GLN:HE22	2	0.11	0.0	0.11
(1,1989)	1:905:A:SER:H	1:917:A:ILE:HB	2	0.11	0.01	0.11
(1,946)	1:805:A:ASN:HA	1:805:A:ASN:HD22	2	0.11	0.0	0.11
(1,1378)	1:851:A:LEU:H	1:852:A:LEU:HB2	2	0.11	0.0	0.11

[1]Number of violated models, [2]Standard deviation

9.5 All violated distance restraints (i)

9.5.1 Histogram : Distribution of distance violations (i)

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



9.5.2 Table : All distance violations (i)

The following table lists the absolute value of the violation for each restraint in the ensemble sorted by its value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	5	5.59
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	5	5.59
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	5	5.59
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	5	5.59
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	5	5.59
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	5	5.59
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	13	5.5
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	13	5.5
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	13	5.5
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	13	5.5
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	13	5.5
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	13	5.5
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	18	5.45
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	18	5.45
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	18	5.45
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	18	5.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	18	5.45
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	18	5.45
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	3	5.44
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	3	5.44
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	3	5.44
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	3	5.44
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	3	5.44
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	3	5.44
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	17	5.35
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	17	5.35
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	17	5.35
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	17	5.35
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	17	5.35
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	17	5.35
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	10	5.28
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	10	5.28
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	10	5.28
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	10	5.28
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	10	5.28
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	10	5.28
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	1	5.2
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	1	5.2
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	1	5.2
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	1	5.2
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	1	5.2
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	1	5.2
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	14	5.15
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	14	5.15
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	14	5.15
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	14	5.15
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	14	5.15
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	14	5.15
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	6	5.13
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	6	5.13
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	6	5.13
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	6	5.13
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	6	5.13
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	6	5.13
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	16	5.11
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	16	5.11
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	16	5.11
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	16	5.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	16	5.11
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	16	5.11
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	11	4.94
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	11	4.94
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	11	4.94
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	11	4.94
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	11	4.94
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	11	4.94
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	6	4.9
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	6	4.9
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	6	4.9
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	6	4.9
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	6	4.9
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	6	4.9
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	2	4.86
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	2	4.86
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	2	4.86
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	2	4.86
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	2	4.86
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	2	4.86
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	15	4.85
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	15	4.85
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	15	4.85
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	15	4.85
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	15	4.85
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	15	4.85
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	4	4.78
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	4	4.78
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	4	4.78
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	4	4.78
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	4	4.78
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	4	4.78
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	19	4.68
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	19	4.68
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	19	4.68
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	19	4.68
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	19	4.68
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	19	4.68
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	9	4.63
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	9	4.63
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	9	4.63
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	9	4.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	9	4.63
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	9	4.63
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	8	4.6
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	8	4.6
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	8	4.6
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	8	4.6
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	8	4.6
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	8	4.6
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	12	4.55
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	12	4.55
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	12	4.55
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	12	4.55
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	12	4.55
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	12	4.55
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	12	4.53
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	12	4.53
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	12	4.53
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	12	4.53
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	12	4.53
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	12	4.53
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	20	4.43
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	20	4.43
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	20	4.43
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	20	4.43
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	20	4.43
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	20	4.43
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	7	4.4
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	7	4.4
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	7	4.4
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	7	4.4
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	7	4.4
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	7	4.4
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	20	4.39
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	20	4.39
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	20	4.39
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	20	4.39
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	20	4.39
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	20	4.39
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	6	4.28
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	6	4.28
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	6	4.28
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	6	4.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	18	4.27
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	18	4.27
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	18	4.27
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	18	4.27
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	18	4.27
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	18	4.27
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	5	4.22
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	5	4.22
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	5	4.22
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	5	4.22
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	14	4.22
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	14	4.22
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	14	4.22
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	14	4.22
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	11	4.22
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	11	4.22
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	11	4.22
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	11	4.22
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	11	4.22
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	11	4.22
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	9	4.21
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	9	4.21
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	9	4.21
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	9	4.21
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	2	4.2
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	2	4.2
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	2	4.2
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	2	4.2
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	2	4.2
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	2	4.2
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	7	4.19
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	7	4.19
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	7	4.19
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	7	4.19
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	7	4.19
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	7	4.19
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	4	4.18
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	4	4.18
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	4	4.18
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	4	4.18
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	4	4.18
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	4	4.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	4	4.17
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	4	4.17
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	4	4.17
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	4	4.17
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	16	4.16
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	16	4.16
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	16	4.16
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	16	4.16
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	3	4.1
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	3	4.1
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	3	4.1
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	3	4.1
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	19	4.1
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	19	4.1
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	19	4.1
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	19	4.1
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB2	8	4.1
(1,170)	1:800:A:ILE:HD13	1:827:A:HIS:HB3	8	4.1
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB2	8	4.1
(1,170)	1:800:A:ILE:HD11	1:827:A:HIS:HB3	8	4.1
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB2	8	4.1
(1,170)	1:800:A:ILE:HD12	1:827:A:HIS:HB3	8	4.1
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	8	4.09
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	8	4.09
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	8	4.09
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	8	4.09
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	15	4.09
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	15	4.09
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	15	4.09
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	15	4.09
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	14	4.09
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	14	4.09
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	14	4.09
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	14	4.09
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	14	4.09
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	14	4.09
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	17	4.08
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	17	4.08
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	17	4.08
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	17	4.08
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	17	4.08
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	17	4.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	10	4.06
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	10	4.06
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	10	4.06
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	10	4.06
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	13	4.05
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	13	4.05
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	20	4.04
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	20	4.04
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	20	4.04
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	20	4.04
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	1	4.03
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	1	4.03
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	1	4.03
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	1	4.03
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	11	4.02
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	11	4.02
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	11	4.02
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	11	4.02
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	5	4.02
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	5	4.02
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	5	4.02
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	12	4.01
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	12	4.01
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	12	4.01
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	12	4.01
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	5	3.99
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	5	3.99
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	5	3.99
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	5	3.99
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	5	3.99
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	5	3.99
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	1	3.98
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	1	3.98
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	1	3.98
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	1	3.98
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	1	3.98
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	1	3.98
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	20	3.97
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	20	3.97
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	20	3.97
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	3	3.97
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	3	3.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	3	3.97
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	3	3.97
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	3	3.97
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	3	3.97
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	2	3.94
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	2	3.94
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	2	3.94
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	2	3.94
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	5	3.94
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	5	3.94
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	5	3.94
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	5	3.94
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	5	3.94
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	5	3.94
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	11	3.94
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	11	3.94
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	11	3.94
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	13	3.93
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	13	3.93
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	13	3.93
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	13	3.93
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	7	3.92
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	7	3.92
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	7	3.92
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	7	3.92
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	20	3.9
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	20	3.9
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	20	3.9
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	20	3.9
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	20	3.9
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	20	3.9
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	13	3.89
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	13	3.89
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	11	3.87
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	11	3.87
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	11	3.87
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	11	3.87
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	11	3.87
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	11	3.87
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	15	3.87
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	15	3.87
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	15	3.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	15	3.87
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	15	3.87
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	15	3.87
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	11	3.86
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	11	3.86
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	11	3.86
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	18	3.82
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	18	3.82
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	18	3.82
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	18	3.81
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	18	3.81
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	18	3.81
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	18	3.81
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	2	3.79
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	2	3.79
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	2	3.79
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	20	3.79
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	20	3.79
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	20	3.79
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	2	3.79
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	2	3.79
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	2	3.79
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	13	3.78
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	13	3.78
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	13	3.78
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	15	3.78
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	15	3.78
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	15	3.78
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	7	3.77
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	7	3.77
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	15	3.77
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	15	3.77
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	15	3.77
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	16	3.77
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	16	3.77
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	16	3.77
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	17	3.77
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	17	3.77
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	17	3.77
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	9	3.76
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	9	3.76
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	9	3.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	9	3.75
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	9	3.75
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	9	3.75
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	9	3.75
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	18	3.75
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	18	3.75
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	18	3.75
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	18	3.75
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	18	3.75
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	18	3.75
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	5	3.75
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	5	3.75
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	5	3.75
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	5	3.75
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	5	3.75
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	5	3.75
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	5	3.75
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	5	3.75
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	5	3.75
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	5	3.75
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	5	3.75
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	5	3.75
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	5	3.75
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	5	3.75
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	5	3.75
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	5	3.75
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	5	3.75
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	5	3.75
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	11	3.75
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	11	3.75
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	11	3.75
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	11	3.75
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	11	3.75
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	11	3.75
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	11	3.75
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	11	3.75
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	11	3.75
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	11	3.75
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	11	3.75
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	11	3.75
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	11	3.75
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	11	3.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	11	3.75
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	11	3.75
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	11	3.75
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	11	3.75
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	4	3.75
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	4	3.75
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	4	3.75
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	10	3.75
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	10	3.75
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	10	3.75
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	16	3.74
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	16	3.74
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	16	3.74
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	16	3.74
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	16	3.74
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	16	3.74
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	16	3.74
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	16	3.74
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	16	3.74
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	16	3.74
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	16	3.74
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	16	3.74
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	16	3.74
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	16	3.74
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	16	3.74
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	16	3.74
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	16	3.74
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	16	3.74
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	2	3.73
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	2	3.73
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	2	3.72
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	2	3.72
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	2	3.72
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	2	3.72
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	2	3.72
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	2	3.72
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	12	3.72
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	12	3.72
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	12	3.72
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	12	3.72
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	8	3.72
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	8	3.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	8	3.72
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	8	3.72
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	8	3.72
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	8	3.72
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	8	3.72
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	8	3.72
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	8	3.72
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	8	3.72
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	8	3.72
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	8	3.72
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	8	3.72
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	8	3.72
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	8	3.72
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	8	3.72
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	8	3.72
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	8	3.72
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	18	3.72
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	18	3.72
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	18	3.72
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	18	3.72
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	18	3.72
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	18	3.72
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	18	3.72
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	18	3.72
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	18	3.72
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	18	3.72
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	18	3.72
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	18	3.72
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	18	3.72
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	18	3.72
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	18	3.72
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	18	3.72
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	18	3.72
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	18	3.72
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	9	3.72
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	9	3.72
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	9	3.72
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	9	3.72
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	9	3.72
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	9	3.72
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	19	3.71
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	19	3.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	19	3.71
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	14	3.71
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	14	3.71
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	14	3.71
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	17	3.7
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	17	3.7
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	15	3.7
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	15	3.7
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	15	3.7
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	15	3.7
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	15	3.7
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	15	3.7
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	16	3.7
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	16	3.7
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	16	3.7
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	16	3.7
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	16	3.7
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	16	3.7
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	17	3.7
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	17	3.7
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	17	3.7
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	17	3.7
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	17	3.7
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	17	3.7
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	16	3.7
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	16	3.7
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	16	3.7
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	16	3.7
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	14	3.69
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	14	3.69
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	9	3.69
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	9	3.69
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	9	3.69
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	9	3.69
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	9	3.69
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	9	3.69
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	14	3.69
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	14	3.69
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	14	3.69
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	14	3.69
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	12	3.69
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	12	3.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	12	3.69
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	17	3.69
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	17	3.69
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	17	3.69
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	17	3.69
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	17	3.69
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	17	3.69
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	17	3.69
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	17	3.69
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	17	3.69
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	17	3.69
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	17	3.69
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	17	3.69
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	17	3.69
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	17	3.69
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	17	3.69
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	17	3.69
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	17	3.69
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	17	3.69
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	10	3.68
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	10	3.68
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	10	3.68
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	10	3.68
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	4	3.68
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	4	3.68
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	4	3.68
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	4	3.68
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	4	3.68
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	4	3.68
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	10	3.68
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	10	3.68
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	10	3.68
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	10	3.68
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	10	3.68
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	10	3.68
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	15	3.68
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	15	3.68
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	15	3.68
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	15	3.68
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	19	3.68
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	19	3.68
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	9	3.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	9	3.67
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	9	3.67
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	10	3.67
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	10	3.67
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	10	3.67
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	7	3.67
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	7	3.67
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	7	3.67
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	15	3.66
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	15	3.66
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	15	3.66
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	15	3.66
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	1	3.66
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	1	3.66
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	1	3.66
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	1	3.66
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	14	3.65
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	14	3.65
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	14	3.65
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	14	3.65
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	14	3.65
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	14	3.65
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	9	3.65
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	9	3.65
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	9	3.65
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	9	3.65
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	9	3.64
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	9	3.64
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	7	3.64
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	7	3.64
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	7	3.64
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	7	3.64
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	13	3.63
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	13	3.63
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	13	3.63
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	11	3.62
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	11	3.62
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	11	3.62
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	11	3.62
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	16	3.62
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	16	3.62
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	16	3.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	16	3.62
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	16	3.62
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	16	3.62
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	7	3.61
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	7	3.61
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	7	3.61
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	7	3.61
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	7	3.61
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	7	3.61
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	20	3.61
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	20	3.61
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	4	3.61
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	4	3.61
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	4	3.61
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	4	3.61
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	4	3.61
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	4	3.61
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	8	3.6
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	8	3.6
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	8	3.6
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	4	3.59
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	4	3.59
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	4	3.59
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	4	3.59
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	19	3.59
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	19	3.59
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	19	3.59
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	19	3.59
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	16	3.59
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	16	3.59
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	16	3.59
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	16	3.59
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	16	3.59
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	16	3.59
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	16	3.59
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	16	3.59
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	16	3.59
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	1	3.59
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	1	3.59
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	1	3.59
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	19	3.59
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	19	3.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	19	3.59
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	18	3.58
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	18	3.58
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	18	3.58
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	18	3.58
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	2	3.58
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	2	3.58
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	2	3.58
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	2	3.58
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	2	3.58
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	2	3.58
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	13	3.57
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	13	3.57
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	13	3.57
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	13	3.57
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	13	3.57
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	13	3.57
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	7	3.57
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	7	3.57
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	7	3.57
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	7	3.57
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	7	3.57
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	7	3.57
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	3	3.57
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	3	3.57
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	3	3.57
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	12	3.56
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	12	3.56
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	12	3.56
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	12	3.56
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	17	3.56
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	17	3.56
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	17	3.56
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	17	3.56
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	16	3.56
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	16	3.56
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	16	3.56
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	10	3.56
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	10	3.56
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	10	3.56
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	10	3.56
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	10	3.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	10	3.56
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	8	3.55
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	8	3.55
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	8	3.55
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	8	3.55
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	8	3.55
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	8	3.55
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	6	3.55
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	6	3.55
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	6	3.55
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	6	3.55
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	5	3.55
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	5	3.55
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	5	3.55
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	5	3.55
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	5	3.55
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	5	3.55
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	5	3.55
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	5	3.55
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	5	3.55
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	12	3.55
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	12	3.55
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	12	3.55
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	19	3.54
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	19	3.54
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	19	3.54
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	19	3.54
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	19	3.54
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	19	3.54
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	14	3.54
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	14	3.54
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	14	3.54
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	1	3.53
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	1	3.53
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	1	3.53
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	1	3.53
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	1	3.53
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	1	3.53
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	16	3.53
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	16	3.53
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	16	3.53
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	16	3.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	16	3.53
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	16	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	3	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	3	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	3	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	3	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	3	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	3	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	3	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	3	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	3	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	3	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	3	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	3	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	3	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	3	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	3	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	3	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	3	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	3	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	11	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	11	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	11	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	11	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	11	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	11	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	11	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	11	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	11	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	11	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	11	3.53
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	11	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	11	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	11	3.53
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	11	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	11	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	11	3.53
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	11	3.53
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	2	3.52
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	2	3.52
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	2	3.52
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	2	3.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	18	3.52
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	18	3.52
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	18	3.52
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	3	3.51
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	3	3.51
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	3	3.51
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	3	3.51
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	3	3.51
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	3	3.51
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	6	3.51
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	6	3.51
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	6	3.51
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	6	3.51
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	6	3.51
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	6	3.51
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	6	3.51
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	6	3.51
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	6	3.51
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	14	3.51
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	14	3.51
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	14	3.51
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	14	3.51
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	14	3.51
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	14	3.51
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	14	3.51
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	14	3.51
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	14	3.51
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	12	3.5
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	12	3.5
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	12	3.5
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	12	3.5
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	12	3.5
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	12	3.5
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	6	3.5
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	6	3.5
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	6	3.5
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	7	3.5
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	7	3.5
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	7	3.5
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	17	3.48
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	17	3.48
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	17	3.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	17	3.48
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	17	3.48
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	17	3.48
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	17	3.48
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	17	3.48
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	17	3.48
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	7	3.48
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	7	3.48
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	7	3.48
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	7	3.48
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	7	3.48
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	7	3.48
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	7	3.48
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	7	3.48
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	7	3.48
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	11	3.48
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	11	3.48
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	11	3.48
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	11	3.48
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	11	3.48
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	11	3.48
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	11	3.48
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	11	3.48
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	11	3.48
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	8	3.47
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	8	3.47
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	8	3.47
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	8	3.47
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	10	3.47
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	10	3.47
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	10	3.47
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	10	3.47
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	2	3.46
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	2	3.46
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	6	3.46
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	6	3.46
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	6	3.46
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	6	3.46
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	6	3.46
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	6	3.46
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	3	3.46
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	3	3.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	3	3.46
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	3	3.46
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	3	3.46
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	3	3.46
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	3	3.46
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	3	3.46
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	3	3.46
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	8	3.46
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	8	3.46
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	8	3.46
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	8	3.46
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	8	3.46
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	8	3.46
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	8	3.46
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	8	3.46
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	8	3.46
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	16	3.46
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	16	3.46
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	16	3.46
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	16	3.46
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	16	3.46
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	16	3.46
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	16	3.46
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	16	3.46
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	16	3.46
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	16	3.46
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	16	3.46
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	16	3.46
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	16	3.46
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	16	3.46
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	16	3.46
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	13	3.45
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	13	3.45
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	13	3.45
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	13	3.45
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	7	3.45
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	7	3.45
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	4	3.44
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	4	3.44
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	4	3.44
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	4	3.44
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	14	3.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	14	3.44
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	14	3.44
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	14	3.44
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	19	3.44
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	19	3.44
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	19	3.44
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	16	3.44
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	16	3.44
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	16	3.44
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	16	3.44
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	16	3.44
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	16	3.44
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	16	3.44
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	16	3.44
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	16	3.44
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	2	3.43
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	2	3.43
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	2	3.43
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	4	3.42
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	4	3.42
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	4	3.42
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	4	3.42
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	4	3.42
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	4	3.42
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	4	3.42
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	4	3.42
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	1	3.42
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	1	3.42
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	2	3.42
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	2	3.42
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	2	3.42
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	2	3.42
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	2	3.42
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	2	3.42
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	13	3.42
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	13	3.42
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	13	3.42
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	5	3.42
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	5	3.42
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	5	3.42
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	5	3.42
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	5	3.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	5	3.42
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	9	3.42
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	9	3.42
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	9	3.42
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	9	3.42
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	9	3.42
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	9	3.42
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	9	3.41
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	9	3.41
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	9	3.41
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	6	3.41
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	6	3.41
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	6	3.41
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	6	3.41
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	6	3.41
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	6	3.41
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	6	3.41
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	6	3.41
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	6	3.41
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	11	3.41
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	11	3.41
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	11	3.41
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	2	3.4
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	2	3.4
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	8	3.4
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	8	3.4
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	8	3.4
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	8	3.4
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	8	3.4
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	8	3.4
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	17	3.4
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	17	3.4
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	17	3.4
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	17	3.4
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	17	3.4
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	17	3.4
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	9	3.4
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	9	3.4
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	9	3.4
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	9	3.4
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	9	3.4
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	9	3.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	9	3.4
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	9	3.4
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	9	3.4
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	19	3.4
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	19	3.4
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	19	3.4
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	19	3.4
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	19	3.4
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	19	3.4
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	19	3.4
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	19	3.4
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	19	3.4
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	6	3.4
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	6	3.4
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	6	3.4
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	6	3.4
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	6	3.4
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	6	3.4
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	10	3.4
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	10	3.4
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	10	3.4
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	10	3.4
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	10	3.4
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	10	3.4
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	10	3.4
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	10	3.4
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	10	3.4
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	6	3.4
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	6	3.4
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	6	3.4
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	6	3.4
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	6	3.4
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	6	3.4
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	6	3.4
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	6	3.4
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	6	3.4
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	6	3.4
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	6	3.4
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	6	3.4
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	6	3.4
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	6	3.4
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	6	3.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	6	3.4
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	6	3.4
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	6	3.4
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	1	3.39
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	1	3.39
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	11	3.39
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	11	3.39
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	11	3.39
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	11	3.39
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	11	3.39
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	11	3.39
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	15	3.39
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	15	3.39
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	15	3.39
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	15	3.39
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	15	3.39
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	15	3.39
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	4	3.39
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	4	3.39
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	4	3.39
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	4	3.39
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	4	3.39
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	4	3.39
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	4	3.39
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	4	3.39
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	4	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	10	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	10	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	10	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	15	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	15	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	15	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	19	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	19	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	19	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	20	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	20	3.39
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	20	3.39
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	15	3.38
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	15	3.38
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	15	3.38
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	15	3.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	15	3.38
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	15	3.38
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	15	3.38
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	15	3.38
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	15	3.38
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	20	3.38
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	20	3.38
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	20	3.38
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	20	3.38
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	20	3.38
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	20	3.38
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	20	3.38
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	20	3.38
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	20	3.38
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	1	3.38
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	1	3.38
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	1	3.38
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	13	3.38
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	13	3.38
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	13	3.38
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	13	3.38
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	13	3.38
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	13	3.38
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	13	3.38
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	13	3.38
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	13	3.38
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	2	3.38
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	2	3.38
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	2	3.38
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	9	3.37
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	9	3.37
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	9	3.37
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	9	3.37
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	9	3.37
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	9	3.37
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	17	3.37
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	17	3.37
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	17	3.37
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	17	3.37
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	17	3.37
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	17	3.37
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	14	3.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	14	3.37
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	14	3.37
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	13	3.37
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	13	3.37
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	13	3.37
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	17	3.36
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	17	3.36
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	17	3.36
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	1	3.36
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	1	3.36
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	1	3.36
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	1	3.36
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	1	3.36
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	1	3.36
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	20	3.36
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	20	3.36
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	20	3.36
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	20	3.36
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	20	3.36
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	20	3.36
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	7	3.36
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	7	3.36
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	7	3.36
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	7	3.36
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	7	3.36
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	7	3.36
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	7	3.36
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	7	3.36
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	7	3.36
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	12	3.36
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	12	3.36
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	12	3.36
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	16	3.35
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	16	3.35
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	16	3.35
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	16	3.35
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	16	3.35
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	16	3.35
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	7	3.35
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	7	3.35
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	7	3.35
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	3	3.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	3	3.35
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	3	3.35
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	3	3.35
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	3	3.35
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	3	3.35
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	3	3.35
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	3	3.35
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	3	3.35
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	20	3.35
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	20	3.35
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	20	3.35
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	20	3.35
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	20	3.35
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	20	3.35
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	4	3.35
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	4	3.35
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	4	3.35
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	4	3.35
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	4	3.35
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	4	3.35
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	4	3.35
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	4	3.35
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	4	3.35
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	9	3.35
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	9	3.35
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	9	3.35
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	16	3.34
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	16	3.34
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	16	3.34
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	16	3.34
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	16	3.34
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	16	3.34
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	11	3.34
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	11	3.34
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	2	3.34
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	2	3.34
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	2	3.34
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	2	3.34
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	2	3.34
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	2	3.34
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	1	3.34
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	1	3.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	1	3.34
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	3	3.34
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	3	3.34
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	3	3.34
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	16	3.34
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	16	3.34
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	16	3.34
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	2	3.34
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	2	3.34
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	2	3.34
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	2	3.34
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	2	3.34
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	2	3.34
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	16	3.34
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	16	3.34
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	16	3.34
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	11	3.34
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	11	3.34
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	11	3.34
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	11	3.34
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	11	3.34
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	11	3.34
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	11	3.34
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	11	3.34
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	11	3.34
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	10	3.34
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	10	3.34
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	10	3.34
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	10	3.34
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	10	3.34
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	10	3.34
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	5	3.34
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	5	3.34
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	3	3.34
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	3	3.34
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	3	3.34
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	3	3.34
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	3	3.34
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	3	3.34
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	3	3.34
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	3	3.34
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	3	3.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	17	3.34
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	17	3.34
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	17	3.34
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	17	3.34
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	17	3.34
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	17	3.34
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	17	3.34
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	17	3.34
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	17	3.34
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	5	3.33
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	5	3.33
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	5	3.33
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	5	3.33
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	5	3.33
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	5	3.33
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	17	3.33
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	17	3.33
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	17	3.33
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	12	3.33
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	12	3.33
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	12	3.33
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	12	3.33
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	12	3.33
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	12	3.33
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	12	3.33
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	12	3.33
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	12	3.33
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	1	3.33
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	1	3.33
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	1	3.33
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	1	3.33
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	1	3.33
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	1	3.33
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	13	3.32
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	13	3.32
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	13	3.32
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	13	3.32
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	16	3.32
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	16	3.32
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	12	3.32
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	12	3.32
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	12	3.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	12	3.32
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	12	3.32
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	12	3.32
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	2	3.32
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	2	3.32
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	2	3.32
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	2	3.32
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	2	3.32
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	2	3.32
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	2	3.32
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	2	3.32
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	2	3.32
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	13	3.32
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	13	3.32
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	13	3.32
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	13	3.32
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	13	3.32
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	13	3.32
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	12	3.32
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	12	3.32
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	12	3.32
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	12	3.32
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	12	3.32
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	12	3.32
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	12	3.32
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	12	3.32
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	12	3.32
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	12	3.32
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	12	3.32
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	12	3.32
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	12	3.32
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	12	3.32
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	12	3.32
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	12	3.32
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	12	3.32
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	12	3.32
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	15	3.31
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	15	3.31
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	15	3.31
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	15	3.31
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	16	3.31
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	16	3.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	16	3.31
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	16	3.31
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	5	3.31
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	5	3.31
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	5	3.31
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	12	3.31
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	12	3.31
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	12	3.31
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	12	3.31
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	12	3.31
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	12	3.31
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	19	3.31
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	19	3.31
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	19	3.31
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	19	3.31
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	19	3.31
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	19	3.31
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	7	3.31
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	7	3.31
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	7	3.31
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	12	3.31
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	12	3.31
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	12	3.31
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	16	3.31
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	16	3.31
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	16	3.31
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	2	3.3
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	2	3.3
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	2	3.3
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	2	3.3
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	11	3.3
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	11	3.3
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	11	3.3
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	11	3.3
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	1	3.3
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	1	3.3
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	1	3.3
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	15	3.3
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	15	3.3
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	15	3.3
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	10	3.3
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	10	3.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	10	3.3
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	4	3.3
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	4	3.3
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	4	3.3
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	11	3.3
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	11	3.3
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	11	3.3
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	11	3.3
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	11	3.3
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	11	3.3
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	11	3.3
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	11	3.3
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	11	3.3
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	17	3.3
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	17	3.3
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	17	3.3
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	17	3.3
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	17	3.3
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	17	3.3
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	20	3.3
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	20	3.3
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	20	3.3
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	20	3.3
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	20	3.3
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	20	3.3
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	20	3.3
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	20	3.3
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	20	3.3
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	12	3.29
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	12	3.29
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	3	3.29
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	3	3.29
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	3	3.29
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	3	3.29
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	12	3.29
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	12	3.29
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	12	3.29
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	12	3.29
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	7	3.29
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	7	3.29
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	7	3.29
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	7	3.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	7	3.29
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	7	3.29
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	1	3.29
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	1	3.29
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	1	3.29
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	1	3.29
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	1	3.29
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	1	3.29
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	5	3.29
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	5	3.29
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	5	3.29
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	11	3.29
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	11	3.29
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	11	3.29
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	18	3.29
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	18	3.29
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	18	3.29
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	18	3.29
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	18	3.29
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	18	3.29
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	18	3.29
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	18	3.29
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	18	3.29
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	13	3.29
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	13	3.29
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	13	3.29
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	14	3.29
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	14	3.29
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	14	3.29
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	14	3.29
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	14	3.29
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	14	3.29
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	2	3.29
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	2	3.29
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	2	3.29
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	2	3.29
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	2	3.29
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	2	3.29
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	2	3.29
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	2	3.29
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	2	3.29
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	19	3.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	19	3.29
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	19	3.29
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	19	3.29
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	19	3.29
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	19	3.29
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	19	3.29
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	19	3.29
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	19	3.29
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	2	3.29
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	2	3.29
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	2	3.29
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	2	3.29
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	2	3.29
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	2	3.29
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	7	3.29
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	7	3.29
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	7	3.29
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	17	3.29
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	17	3.29
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	17	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	8	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	8	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	8	3.29
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	8	3.29
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	8	3.29
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	8	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	8	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	8	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	8	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	8	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	8	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	8	3.29
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	8	3.29
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	8	3.29
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	8	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	8	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	8	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	8	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	20	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	20	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	20	3.29
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	20	3.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	20	3.29
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	20	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	20	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	20	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	20	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	20	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	20	3.29
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	20	3.29
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	20	3.29
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	20	3.29
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	20	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	20	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	20	3.29
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	20	3.29
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	16	3.29
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	18	3.28
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	18	3.28
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	10	3.28
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	10	3.28
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	10	3.28
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	10	3.28
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	12	3.28
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	12	3.28
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	12	3.28
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	12	3.28
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	12	3.28
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	12	3.28
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	9	3.28
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	9	3.28
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	9	3.28
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	12	3.28
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	12	3.28
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	12	3.28
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	13	3.28
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	13	3.28
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	13	3.28
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	13	3.28
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	13	3.28
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	13	3.28
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	13	3.28
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	13	3.28
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	13	3.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	5	3.28
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	5	3.28
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	5	3.28
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	5	3.28
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	5	3.28
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	5	3.28
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	5	3.28
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	5	3.28
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	5	3.28
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	5	3.28
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	5	3.28
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	5	3.28
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	20	3.28
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	20	3.28
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	20	3.28
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	20	3.28
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	20	3.28
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	20	3.28
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	20	3.28
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	20	3.28
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	20	3.28
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	20	3.28
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	20	3.28
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	20	3.28
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	20	3.28
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	20	3.28
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	20	3.28
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	20	3.28
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	20	3.28
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	20	3.28
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	6	3.27
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	6	3.27
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	11	3.27
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	11	3.27
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	20	3.27
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	20	3.27
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	18	3.27
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	18	3.27
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	18	3.27
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	18	3.27
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	19	3.27
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	19	3.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	19	3.27
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	19	3.27
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	20	3.27
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	20	3.27
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	20	3.27
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	20	3.27
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	5	3.27
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	5	3.27
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	5	3.27
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	5	3.27
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	5	3.27
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	5	3.27
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	14	3.27
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	14	3.27
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	14	3.27
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	17	3.27
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	17	3.27
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	17	3.27
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	3	3.27
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	3	3.27
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	3	3.27
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	3	3.27
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	3	3.27
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	3	3.27
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	6	3.27
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	6	3.27
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	6	3.27
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	6	3.27
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	6	3.27
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	6	3.27
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	14	3.27
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	14	3.27
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	14	3.27
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	14	3.27
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	14	3.27
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	14	3.27
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	6	3.27
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	6	3.27
(1,453)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	6	3.27
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	16	3.27
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	16	3.27
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	16	3.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	13	3.27
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	13	3.27
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	13	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	13	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	13	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	13	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	13	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	13	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	13	3.27
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	13	3.27
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	13	3.27
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	13	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	13	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	13	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	13	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	13	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	13	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	13	3.27
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	18	3.27
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	18	3.27
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	18	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	18	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	18	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	18	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	18	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	18	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	18	3.27
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	18	3.27
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	18	3.27
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	18	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	18	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	18	3.27
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	18	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	18	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	18	3.27
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	18	3.27
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	20	3.26
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	20	3.26
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	20	3.26
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	20	3.26
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	14	3.26
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	14	3.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	14	3.26
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	14	3.26
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	19	3.26
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	19	3.26
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	19	3.26
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	17	3.26
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	17	3.26
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	17	3.26
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	17	3.26
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	17	3.26
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	17	3.26
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	18	3.26
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	18	3.26
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	18	3.26
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	1	3.25
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	1	3.25
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	1	3.25
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	1	3.25
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	7	3.25
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	7	3.25
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	7	3.25
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	7	3.25
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	4	3.25
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	4	3.25
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	8	3.25
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	8	3.25
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	8	3.25
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	4	3.25
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	4	3.25
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	4	3.25
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	6	3.25
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	6	3.25
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	6	3.25
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	1	3.25
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	1	3.25
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	1	3.25
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	16	3.25
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	16	3.25
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	16	3.25
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	16	3.25
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	16	3.25
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	16	3.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	16	3.25
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	16	3.25
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	16	3.25
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	16	3.25
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	16	3.25
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	16	3.25
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	16	3.25
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	16	3.25
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	16	3.25
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	16	3.25
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	16	3.25
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	16	3.25
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	7	3.25
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	7	3.25
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	7	3.25
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	19	3.25
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	19	3.25
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	19	3.25
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	19	3.25
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	19	3.25
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	19	3.25
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	1	3.25
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	1	3.25
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	1	3.25
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	1	3.25
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	1	3.25
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	1	3.25
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	1	3.25
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	1	3.25
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	1	3.25
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	1	3.25
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	1	3.25
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	1	3.25
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	1	3.25
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	1	3.25
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	1	3.25
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	1	3.25
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	1	3.25
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	1	3.25
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	5	3.24
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	5	3.24
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	4	3.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	4	3.24
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	4	3.24
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	4	3.24
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	17	3.24
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	17	3.24
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	17	3.24
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	17	3.24
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	8	3.24
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	8	3.24
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	8	3.24
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	8	3.24
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	8	3.24
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	8	3.24
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	12	3.24
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	12	3.24
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	12	3.24
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	15	3.24
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	15	3.24
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	15	3.24
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	6	3.24
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	6	3.24
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	6	3.24
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	6	3.24
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	6	3.24
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	6	3.24
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	10	3.24
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	10	3.24
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	10	3.24
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	11	3.24
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	11	3.24
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	11	3.24
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	11	3.24
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	11	3.24
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	11	3.24
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	9	3.24
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	9	3.24
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	9	3.24
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	9	3.24
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	9	3.24
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	9	3.24
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	9	3.24
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	9	3.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	9	3.24
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	7	3.24
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	7	3.24
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	7	3.24
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	7	3.24
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	7	3.24
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	7	3.24
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	1	3.24
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	1	3.24
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	1	3.24
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	3	3.24
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	3	3.24
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	3	3.24
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	14	3.24
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	14	3.24
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	14	3.24
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	13	3.24
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	13	3.24
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	13	3.24
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	13	3.24
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	13	3.24
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	13	3.24
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	13	3.24
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	13	3.24
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	13	3.24
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	13	3.24
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	13	3.24
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	13	3.24
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	13	3.24
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	13	3.24
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	13	3.24
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	13	3.24
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	13	3.24
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	13	3.24
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	7	3.23
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	7	3.23
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	9	3.23
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	9	3.23
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	9	3.23
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	9	3.23
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	9	3.23
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	9	3.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	13	3.23
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	13	3.23
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	17	3.23
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	17	3.23
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	17	3.23
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	17	3.23
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	17	3.23
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	17	3.23
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	9	3.23
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	9	3.23
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	9	3.23
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	9	3.23
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	9	3.23
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	9	3.23
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	10	3.23
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	10	3.23
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	10	3.23
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	10	3.23
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	10	3.23
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	10	3.23
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	19	3.23
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	19	3.23
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	19	3.23
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	3	3.23
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	3	3.23
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	3	3.23
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	3	3.23
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	3	3.23
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	3	3.23
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	3	3.23
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	3	3.23
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	3	3.23
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	3	3.23
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	3	3.23
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	3	3.23
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	3	3.23
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	3	3.23
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	3	3.23
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	3	3.23
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	3	3.23
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	3	3.23
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	2	3.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	2	3.23
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	2	3.23
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	19	3.23
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	19	3.23
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	19	3.23
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	18	3.23
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	18	3.23
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	18	3.23
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	18	3.23
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	18	3.23
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	18	3.23
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	18	3.23
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	18	3.23
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	18	3.23
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	8	3.23
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	8	3.23
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	8	3.23
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	8	3.23
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	8	3.23
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	8	3.23
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	11	3.23
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	11	3.23
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	11	3.23
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	11	3.23
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	11	3.23
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	11	3.23
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	6	3.23
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	6	3.23
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	6	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	5	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	5	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	5	3.23
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	5	3.23
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	5	3.23
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	5	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	5	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	5	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	5	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	5	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	5	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	5	3.23
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	5	3.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	5	3.23
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	5	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	5	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	5	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	5	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	19	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	19	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	19	3.23
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	19	3.23
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	19	3.23
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	19	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	19	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	19	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	19	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	19	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	19	3.23
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	19	3.23
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	19	3.23
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	19	3.23
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	19	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	19	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	19	3.23
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	19	3.23
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	8	3.22
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	8	3.22
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	8	3.22
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	8	3.22
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	6	3.22
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	6	3.22
(1,3264)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	6	3.22
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD11	6	3.22
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD12	6	3.22
(1,3264)	1:870:A:TYR:HB2	1:904:A:LEU:HD13	6	3.22
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	20	3.22
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	20	3.22
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	8	3.22
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	8	3.22
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	8	3.22
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	15	3.22
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	15	3.22
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	15	3.22
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	16	3.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	16	3.22
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	16	3.22
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	16	3.22
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	16	3.22
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	16	3.22
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	3	3.22
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	3	3.22
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	3	3.22
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	3	3.22
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	3	3.22
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	3	3.22
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	8	3.22
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	8	3.22
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	8	3.22
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	4	3.22
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	4	3.22
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	4	3.22
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	4	3.22
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	4	3.22
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	4	3.22
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	4	3.22
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	4	3.22
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	4	3.22
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	4	3.22
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	4	3.22
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	4	3.22
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	4	3.22
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	4	3.22
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	4	3.22
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	4	3.22
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	4	3.22
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	4	3.22
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	4	3.22
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	4	3.22
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	4	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	4	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	4	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	4	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	4	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	4	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	4	3.22
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	4	3.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	4	3.22
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	4	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	4	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	4	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	4	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	4	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	4	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	4	3.22
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	12	3.22
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	12	3.22
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	12	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	12	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	12	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	12	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	12	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	12	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	12	3.22
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	12	3.22
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	12	3.22
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	12	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	12	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	12	3.22
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	12	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	12	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	12	3.22
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	12	3.22
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	8	3.21
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	8	3.21
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	9	3.21
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	9	3.21
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	9	3.21
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	9	3.21
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	6	3.21
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	6	3.21
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	6	3.21
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	6	3.21
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	6	3.21
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	6	3.21
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	18	3.21
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	18	3.21
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	18	3.21
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	18	3.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	18	3.21
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	18	3.21
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	11	3.21
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	11	3.21
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	5	3.21
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	5	3.21
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	3	3.21
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	3	3.21
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	3	3.21
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	13	3.21
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	13	3.21
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	13	3.21
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	14	3.21
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	14	3.21
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	14	3.21
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	20	3.21
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	20	3.21
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	20	3.21
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	18	3.21
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	18	3.21
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	18	3.21
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	18	3.21
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	18	3.21
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	18	3.21
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	15	3.21
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	15	3.21
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	15	3.21
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	1	3.21
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	1	3.21
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	1	3.21
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	1	3.21
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	1	3.21
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	1	3.21
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	1	3.21
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	1	3.21
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	1	3.21
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	8	3.21
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	8	3.21
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	8	3.21
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	8	3.21
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	8	3.21
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	8	3.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	8	3.21
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	8	3.21
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	8	3.21
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	15	3.21
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	15	3.21
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	15	3.21
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	15	3.21
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	15	3.21
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	15	3.21
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	4	3.21
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	4	3.21
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	4	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	3	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	3	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	3	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	3	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	3	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	3	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	3	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	3	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	3	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	3	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	3	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	3	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	3	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	3	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	3	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	3	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	3	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	3	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	9	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	9	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	9	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	9	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	9	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	9	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	9	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	9	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	9	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	9	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	9	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	9	3.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	9	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	9	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	9	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	9	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	9	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	9	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	10	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	10	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	10	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	10	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	10	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	10	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	10	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	10	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	10	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	10	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	10	3.21
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	10	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	10	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	10	3.21
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	10	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	10	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	10	3.21
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	10	3.21
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	6	3.2
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	6	3.2
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	13	3.2
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	13	3.2
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	13	3.2
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	13	3.2
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	13	3.2
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	13	3.2
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	20	3.2
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	20	3.2
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	20	3.2
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	20	3.2
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	20	3.2
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	20	3.2
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	4	3.2
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	4	3.2
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	4	3.2
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	4	3.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	4	3.2
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	4	3.2
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	9	3.2
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	9	3.2
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	9	3.2
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	9	3.2
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	9	3.2
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	9	3.2
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	20	3.2
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	20	3.2
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	20	3.2
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	13	3.2
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	13	3.2
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	13	3.2
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	13	3.2
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	13	3.2
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	13	3.2
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	11	3.2
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	11	3.2
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	11	3.2
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	7	3.2
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	7	3.2
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	7	3.2
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	9	3.2
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	9	3.2
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	9	3.2
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	9	3.2
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	9	3.2
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	9	3.2
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	9	3.2
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	9	3.2
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	9	3.2
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	12	3.2
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	12	3.2
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	12	3.2
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	12	3.2
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	12	3.2
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	12	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	2	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	2	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	2	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	2	3.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	2	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	2	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	2	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	2	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	2	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	2	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	2	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	2	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	2	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	2	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	2	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	2	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	2	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	2	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	7	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	7	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	7	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	7	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	7	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	7	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	7	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	7	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	7	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	7	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	7	3.2
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	7	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	7	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	7	3.2
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	7	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	7	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	7	3.2
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	7	3.2
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	3	3.19
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	3	3.19
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	19	3.19
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	19	3.19
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	5	3.19
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	5	3.19
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	5	3.19
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	5	3.19
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	7	3.19
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	7	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	11	3.19
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	11	3.19
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	11	3.19
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	11	3.19
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	11	3.19
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	11	3.19
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	4	3.19
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	4	3.19
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	11	3.19
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	11	3.19
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	11	3.19
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	11	3.19
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	11	3.19
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	11	3.19
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	18	3.19
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	18	3.19
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	18	3.19
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	18	3.19
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	18	3.19
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	18	3.19
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	10	3.19
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	10	3.19
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	10	3.19
(1,2870)	1:828:A:LEU:HD23	1:832:A:THR:HG1	18	3.19
(1,2870)	1:828:A:LEU:HD21	1:832:A:THR:HG1	18	3.19
(1,2870)	1:828:A:LEU:HD22	1:832:A:THR:HG1	18	3.19
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	9	3.19
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	9	3.19
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	9	3.19
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	17	3.19
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	17	3.19
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	17	3.19
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	1	3.19
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	1	3.19
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	1	3.19
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	1	3.19
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	1	3.19
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	1	3.19
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	1	3.19
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	1	3.19
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	1	3.19
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	13	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	13	3.19
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	13	3.19
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	13	3.19
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	13	3.19
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	13	3.19
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	13	3.19
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	13	3.19
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	13	3.19
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	20	3.19
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	20	3.19
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	20	3.19
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	20	3.19
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	20	3.19
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	20	3.19
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	2	3.19
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	2	3.19
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	2	3.19
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	2	3.19
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	2	3.19
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	2	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	8	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	8	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	8	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	8	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	8	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	8	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	8	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	8	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	8	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	8	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	8	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	8	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	8	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	8	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	8	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	8	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	8	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	8	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	15	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	15	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	15	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	15	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	15	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	15	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	15	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	15	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	15	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	15	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	15	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	15	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	15	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	15	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	15	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	15	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	15	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	15	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	18	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	18	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	18	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	18	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	18	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	18	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	18	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	18	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	18	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	18	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	18	3.19
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	18	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	18	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	18	3.19
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	18	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	18	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	18	3.19
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	18	3.19
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	19	3.18
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	19	3.18
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	19	3.18
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	19	3.18
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	4	3.18
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	4	3.18
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	4	3.18
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	4	3.18
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	4	3.18
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	4	3.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	17	3.18
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	17	3.18
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	17	3.18
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	17	3.18
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	17	3.18
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	17	3.18
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	8	3.18
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	8	3.18
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	8	3.18
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	13	3.18
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	13	3.18
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	13	3.18
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD11	10	3.18
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD12	10	3.18
(1,2802)	1:816:A:LEU:HD12	1:828:A:LEU:HD13	10	3.18
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD11	10	3.18
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD12	10	3.18
(1,2802)	1:816:A:LEU:HD13	1:828:A:LEU:HD13	10	3.18
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD11	10	3.18
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD12	10	3.18
(1,2802)	1:816:A:LEU:HD11	1:828:A:LEU:HD13	10	3.18
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	6	3.18
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	6	3.18
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	6	3.18
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	19	3.18
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	19	3.18
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	19	3.18
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	19	3.18
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	19	3.18
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	19	3.18
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	19	3.18
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	19	3.18
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	19	3.18
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	2	3.18
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	2	3.18
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	14	3.18
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	14	3.18
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	14	3.18
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	14	3.18
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	14	3.18
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	14	3.18
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	6	3.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	6	3.18
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	6	3.18
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	6	3.18
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	6	3.18
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	6	3.18
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	6	3.18
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	6	3.18
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	6	3.18
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	6	3.18
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	6	3.18
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	6	3.18
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	6	3.18
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	6	3.18
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	6	3.18
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	6	3.18
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	6	3.18
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	6	3.18
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	1	3.17
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	1	3.17
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE1	6	3.17
(1,3280)	1:876:A:LEU:HB2	1:924:A:TYR:HE2	6	3.17
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE1	6	3.17
(1,3280)	1:876:A:LEU:HB3	1:924:A:TYR:HE2	6	3.17
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	3	3.17
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	3	3.17
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	6	3.17
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	6	3.17
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	6	3.17
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	6	3.17
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	6	3.17
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	6	3.17
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	13	3.17
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	13	3.17
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	13	3.17
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	13	3.17
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	13	3.17
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	13	3.17
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	14	3.17
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	14	3.17
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	14	3.17
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	14	3.17
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	14	3.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	14	3.17
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	7	3.17
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	7	3.17
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	7	3.17
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	7	3.17
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	7	3.17
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	7	3.17
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	1	3.17
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	1	3.17
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	1	3.17
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	1	3.17
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	1	3.17
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	1	3.17
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	1	3.17
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	1	3.17
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	1	3.17
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	1	3.17
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	1	3.17
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	1	3.17
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	1	3.17
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	1	3.17
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	1	3.17
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	1	3.17
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	1	3.17
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	1	3.17
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	13	3.17
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	13	3.17
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	13	3.17
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	13	3.17
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	13	3.17
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	13	3.17
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	13	3.17
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	13	3.17
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	13	3.17
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	13	3.17
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	13	3.17
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	13	3.17
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	13	3.17
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	13	3.17
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	13	3.17
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	13	3.17
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	13	3.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	13	3.17
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	16	3.17
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	16	3.17
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	16	3.17
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	13	3.17
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	13	3.17
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	13	3.17
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	13	3.17
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	13	3.17
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	13	3.17
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	12	3.17
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	12	3.17
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	12	3.17
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	12	3.17
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	12	3.17
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	12	3.17
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	12	3.17
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	12	3.17
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	12	3.17
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	20	3.17
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	20	3.17
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	10	3.17
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	10	3.17
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	10	3.17
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	10	3.17
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	10	3.17
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	10	3.17
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	19	3.17
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	19	3.17
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	19	3.17
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	19	3.17
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	19	3.17
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	19	3.17
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	20	3.17
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	20	3.17
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	20	3.17
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	20	3.17
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	20	3.17
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	20	3.17
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	1	3.16
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	1	3.16
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	1	3.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	1	3.16
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	3	3.16
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	3	3.16
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	3	3.16
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	3	3.16
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	3	3.16
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	3	3.16
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	15	3.16
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	15	3.16
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	15	3.16
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	15	3.16
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	15	3.16
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	15	3.16
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	14	3.16
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	14	3.16
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	14	3.16
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	14	3.16
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	14	3.16
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	14	3.16
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	3	3.16
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	3	3.16
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	3	3.16
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	12	3.16
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	12	3.16
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	12	3.16
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	10	3.16
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	10	3.16
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	10	3.16
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	10	3.16
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	10	3.16
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	10	3.16
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	10	3.16
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	10	3.16
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	10	3.16
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	10	3.16
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	10	3.16
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	10	3.16
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	10	3.16
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	10	3.16
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	10	3.16
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	10	3.16
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	10	3.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	10	3.16
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	6	3.16
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	6	3.16
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	6	3.16
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	18	3.16
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	18	3.16
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	18	3.16
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	19	3.16
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	19	3.16
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	19	3.16
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	20	3.16
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	20	3.16
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	20	3.16
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	20	3.16
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	20	3.16
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	20	3.16
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	4	3.16
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	4	3.16
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	4	3.16
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	4	3.16
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	4	3.16
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	4	3.16
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	18	3.16
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	18	3.16
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	18	3.16
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	18	3.16
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	18	3.16
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	18	3.16
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	4	3.16
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	4	3.16
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	4	3.16
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	20	3.16
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	20	3.16
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	20	3.16
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	20	3.16
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	20	3.16
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	20	3.16
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	1	3.16
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	1	3.16
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	1	3.16
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	1	3.16
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	1	3.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	1	3.16
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	1	3.16
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	1	3.16
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	1	3.16
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	4	3.16
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	4	3.16
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	4	3.16
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	4	3.16
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	4	3.16
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	4	3.16
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	5	3.16
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	5	3.16
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	5	3.16
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	5	3.16
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	5	3.16
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	5	3.16
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	6	3.16
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	6	3.16
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	6	3.16
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	15	3.15
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	15	3.15
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	15	3.15
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	15	3.15
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	15	3.15
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	15	3.15
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	8	3.15
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	8	3.15
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	8	3.15
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	8	3.15
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	8	3.15
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	8	3.15
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	10	3.15
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	10	3.15
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	10	3.15
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	10	3.15
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	10	3.15
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	10	3.15
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	8	3.15
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	8	3.15
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	15	3.15
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	15	3.15
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	15	3.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	15	3.15
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	15	3.15
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	15	3.15
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	3	3.15
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	3	3.15
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	3	3.15
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	5	3.15
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	5	3.15
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	5	3.15
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	14	3.15
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	14	3.15
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	14	3.15
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	17	3.15
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	17	3.15
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	17	3.15
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	7	3.15
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	7	3.15
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	7	3.15
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	12	3.15
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	12	3.15
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	12	3.15
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	1	3.15
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	1	3.15
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	13	3.15
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	13	3.15
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	13	3.15
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	13	3.15
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	13	3.15
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	13	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	7	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	7	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	7	3.15
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	7	3.15
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	7	3.15
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	7	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	7	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	7	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	7	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	7	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	7	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	7	3.15
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	7	3.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	7	3.15
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	7	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	7	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	7	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	7	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	9	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	9	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	9	3.15
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	9	3.15
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	9	3.15
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	9	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	9	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	9	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	9	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	9	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	9	3.15
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	9	3.15
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	9	3.15
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	9	3.15
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	9	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	9	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	9	3.15
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	9	3.15
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	13	3.14
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	13	3.14
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	5	3.14
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	5	3.14
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	5	3.14
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	5	3.14
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	14	3.14
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	14	3.14
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	14	3.14
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	14	3.14
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	14	3.14
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	14	3.14
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	3	3.14
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	3	3.14
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	3	3.14
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	3	3.14
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	3	3.14
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	3	3.14
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	19	3.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	19	3.14
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	19	3.14
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	19	3.14
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	19	3.14
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	19	3.14
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	20	3.14
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	20	3.14
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	20	3.14
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	20	3.14
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	20	3.14
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	20	3.14
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	4	3.14
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	4	3.14
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	4	3.14
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	4	3.14
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	4	3.14
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	4	3.14
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	11	3.14
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	11	3.14
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	11	3.14
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	5	3.14
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	5	3.14
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	5	3.14
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	9	3.14
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	9	3.14
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	9	3.14
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	9	3.14
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	9	3.14
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	9	3.14
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	9	3.14
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	9	3.14
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	9	3.14
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	9	3.14
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	9	3.14
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	9	3.14
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	9	3.14
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	9	3.14
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	9	3.14
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	9	3.14
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	9	3.14
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	9	3.14
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	16	3.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	16	3.14
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	16	3.14
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	15	3.14
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	15	3.14
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	15	3.14
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	14	3.14
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	14	3.14
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	14	3.14
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	3	3.14
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	3	3.14
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	3	3.14
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	3	3.14
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	3	3.14
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	3	3.14
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	5	3.14
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	5	3.14
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	5	3.14
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	5	3.14
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	5	3.14
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	5	3.14
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	19	3.14
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	19	3.14
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	19	3.14
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	8	3.14
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	8	3.14
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	8	3.14
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	8	3.14
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	8	3.14
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	8	3.14
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	18	3.14
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	18	3.14
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	18	3.14
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	18	3.14
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	18	3.14
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	18	3.14
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	3	3.14
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	3	3.14
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	3	3.14
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	3	3.14
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	3	3.14
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	3	3.14
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	16	3.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	16	3.14
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	16	3.14
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	16	3.14
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	16	3.14
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	16	3.14
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	18	3.14
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	18	3.14
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	18	3.14
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	18	3.14
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	18	3.14
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	18	3.14
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	7	3.14
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	7	3.14
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	7	3.14
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	13	3.13
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	13	3.13
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	13	3.13
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	13	3.13
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	13	3.13
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	13	3.13
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	2	3.13
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	2	3.13
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	2	3.13
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	2	3.13
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	2	3.13
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	2	3.13
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	7	3.13
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	7	3.13
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	7	3.13
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	7	3.13
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	7	3.13
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	7	3.13
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	19	3.13
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	19	3.13
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	19	3.13
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	19	3.13
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	19	3.13
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	19	3.13
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	7	3.13
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	7	3.13
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	7	3.13
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	7	3.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	7	3.13
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	7	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	2	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	2	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	2	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	2	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	2	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	2	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	2	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	2	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	2	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	2	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	2	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	2	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	2	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	2	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	2	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	2	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	2	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	2	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	15	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	15	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	15	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	15	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	15	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	15	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	15	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	15	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	15	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	15	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	15	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	15	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	15	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	15	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	15	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	15	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	15	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	15	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	17	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	17	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	17	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	17	3.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	17	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	17	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	17	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	17	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	17	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	17	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	17	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	17	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	17	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	17	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	17	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	17	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	17	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	17	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	19	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	19	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	19	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	19	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	19	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	19	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	19	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	19	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	19	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	19	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	19	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	19	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	19	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	19	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	19	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	19	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	19	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	19	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	20	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	20	3.13
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	20	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	20	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	20	3.13
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	20	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	20	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	20	3.13
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	20	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	20	3.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	20	3.13
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	20	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	20	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	20	3.13
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	20	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	20	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	20	3.13
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	20	3.13
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	18	3.13
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	18	3.13
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	18	3.13
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	18	3.13
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	18	3.13
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	18	3.13
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	18	3.13
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	18	3.13
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	18	3.13
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	16	3.13
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	16	3.13
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	16	3.13
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	3	3.13
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	3	3.13
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	3	3.13
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	3	3.13
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	3	3.13
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	3	3.13
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	7	3.13
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	7	3.13
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	7	3.13
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	7	3.13
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	7	3.13
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	7	3.13
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	11	3.13
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	11	3.13
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	11	3.13
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	18	3.13
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	18	3.13
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	18	3.13
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	16	3.13
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	16	3.13
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	15	3.13
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	15	3.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	15	3.13
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	19	3.12
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	19	3.12
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	19	3.12
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	19	3.12
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	19	3.12
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	19	3.12
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	13	3.12
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	13	3.12
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	13	3.12
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	13	3.12
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	13	3.12
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	13	3.12
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	19	3.12
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	19	3.12
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	19	3.12
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	19	3.12
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	19	3.12
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	19	3.12
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	2	3.12
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	2	3.12
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	2	3.12
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	12	3.12
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	12	3.12
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	12	3.12
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	12	3.12
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	12	3.12
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	12	3.12
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	12	3.12
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	12	3.12
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	12	3.12
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	12	3.12
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	12	3.12
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	12	3.12
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	12	3.12
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	12	3.12
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	12	3.12
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	12	3.12
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	12	3.12
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	12	3.12
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	4	3.12
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	4	3.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	4	3.12
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	2	3.12
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	2	3.12
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	2	3.12
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	2	3.12
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	2	3.12
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	2	3.12
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	1	3.12
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	1	3.12
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	1	3.12
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	2	3.12
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	2	3.12
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	2	3.12
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	14	3.12
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	14	3.12
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	14	3.12
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	3	3.12
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	3	3.12
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	3	3.12
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	13	3.12
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	13	3.12
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	17	3.12
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	17	3.12
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	17	3.12
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	17	3.12
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	17	3.12
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	17	3.12
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	6	3.11
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	6	3.11
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	6	3.11
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	6	3.11
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	6	3.11
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	6	3.11
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	18	3.11
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	18	3.11
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	18	3.11
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	18	3.11
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	18	3.11
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	18	3.11
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	10	3.11
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	10	3.11
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	10	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	12	3.11
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	12	3.11
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	12	3.11
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	12	3.11
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	12	3.11
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	12	3.11
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	15	3.11
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	15	3.11
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	15	3.11
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	15	3.11
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	15	3.11
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	15	3.11
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	15	3.11
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	15	3.11
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	15	3.11
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	18	3.11
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	18	3.11
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	18	3.11
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	16	3.11
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	16	3.11
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	16	3.11
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	16	3.11
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	16	3.11
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	16	3.11
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	16	3.11
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	16	3.11
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	16	3.11
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	13	3.11
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	13	3.11
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	13	3.11
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	5	3.11
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	5	3.11
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	5	3.11
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	8	3.11
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	8	3.11
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	8	3.11
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	9	3.11
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	9	3.11
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	2	3.11
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	2	3.11
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	2	3.11
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	2	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	2	3.11
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	2	3.11
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	2	3.11
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	2	3.11
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	2	3.11
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	2	3.11
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	2	3.11
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	2	3.11
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	2	3.11
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	2	3.11
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	2	3.11
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	2	3.11
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	2	3.11
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	2	3.11
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	14	3.11
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	14	3.11
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	14	3.11
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	14	3.11
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	14	3.11
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	14	3.11
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	14	3.11
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	14	3.11
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	14	3.11
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	14	3.11
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	14	3.11
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	14	3.11
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	14	3.11
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	14	3.11
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	14	3.11
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	14	3.11
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	14	3.11
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	14	3.11
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	19	3.1
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	19	3.1
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	19	3.1
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	19	3.1
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	19	3.1
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	19	3.1
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	3	3.1
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	3	3.1
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	3	3.1
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	3	3.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	3	3.1
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	3	3.1
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	19	3.1
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	19	3.1
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	19	3.1
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	13	3.1
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	13	3.1
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	13	3.1
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	14	3.1
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	14	3.1
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	14	3.1
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	6	3.1
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	6	3.1
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	6	3.1
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	6	3.1
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	6	3.1
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	6	3.1
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	6	3.1
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	6	3.1
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	6	3.1
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	5	3.1
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	5	3.1
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	5	3.1
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	9	3.1
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	9	3.1
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	9	3.1
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	11	3.1
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	11	3.1
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	11	3.1
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	11	3.1
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	11	3.1
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	11	3.1
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	5	3.1
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	5	3.1
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	5	3.1
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	16	3.09
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	16	3.09
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	1	3.09
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	1	3.09
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	1	3.09
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	1	3.09
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	1	3.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	1	3.09
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	19	3.09
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	19	3.09
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	19	3.09
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	19	3.09
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	19	3.09
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	19	3.09
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	12	3.09
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	12	3.09
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	12	3.09
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	12	3.09
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	12	3.09
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	12	3.09
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	15	3.09
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	15	3.09
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	15	3.09
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	15	3.09
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	15	3.09
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	15	3.09
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	16	3.09
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	16	3.09
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	16	3.09
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	16	3.09
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	16	3.09
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	16	3.09
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	13	3.09
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	13	3.09
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	13	3.09
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	13	3.09
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	13	3.09
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	13	3.09
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	13	3.09
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	13	3.09
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	13	3.09
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	20	3.09
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	20	3.09
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	20	3.09
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	12	3.09
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	12	3.09
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	12	3.09
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	6	3.09
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	6	3.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	6	3.09
(1,520)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	6	3.09
(1,520)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	6	3.09
(1,520)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	6	3.09
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	11	3.09
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	11	3.09
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	11	3.09
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB2	13	3.09
(1,169)	1:800:A:ILE:HG22	1:827:A:HIS:HB3	13	3.09
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB2	13	3.09
(1,169)	1:800:A:ILE:HG23	1:827:A:HIS:HB3	13	3.09
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB2	13	3.09
(1,169)	1:800:A:ILE:HG21	1:827:A:HIS:HB3	13	3.09
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	6	3.08
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	6	3.08
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	6	3.08
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	6	3.08
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	6	3.08
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	6	3.08
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	14	3.08
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	14	3.08
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	14	3.08
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	14	3.08
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	14	3.08
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	14	3.08
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	7	3.08
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	7	3.08
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	7	3.08
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	7	3.08
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	7	3.08
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	7	3.08
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	12	3.08
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	12	3.08
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	4	3.08
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	4	3.08
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	4	3.08
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	4	3.08
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	4	3.08
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	4	3.08
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	14	3.08
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	14	3.08
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	14	3.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	14	3.08
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	14	3.08
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	14	3.08
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	18	3.08
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	18	3.08
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	10	3.08
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	10	3.08
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	10	3.08
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	10	3.08
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	10	3.08
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	10	3.08
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	14	3.08
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	14	3.08
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	14	3.08
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	14	3.08
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	14	3.08
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	14	3.08
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	14	3.08
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	14	3.08
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	14	3.08
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	2	3.08
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	2	3.08
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	2	3.08
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	2	3.08
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	2	3.08
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	2	3.08
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	2	3.08
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	2	3.08
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	2	3.08
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	12	3.08
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	12	3.08
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	12	3.08
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	4	3.08
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	4	3.08
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	4	3.08
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	20	3.08
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	20	3.08
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	20	3.08
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	11	3.08
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	11	3.08
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	11	3.08
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	11	3.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	11	3.08
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	11	3.08
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	17	3.08
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	17	3.08
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	17	3.08
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	1	3.08
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	1	3.08
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	1	3.08
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	10	3.08
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	10	3.08
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	10	3.08
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	1	3.08
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	1	3.08
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	1	3.08
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	1	3.08
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	1	3.08
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	1	3.08
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	13	3.08
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	13	3.08
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	13	3.08
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	8	3.07
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	8	3.07
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	8	3.07
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	8	3.07
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	8	3.07
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	8	3.07
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	11	3.07
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	11	3.07
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	11	3.07
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	11	3.07
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	11	3.07
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	11	3.07
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	20	3.07
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	20	3.07
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	9	3.07
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	9	3.07
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	9	3.07
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	9	3.07
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	9	3.07
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	9	3.07
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	5	3.07
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	5	3.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	5	3.07
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	5	3.07
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	5	3.07
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	5	3.07
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	2	3.07
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	2	3.07
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	2	3.07
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	2	3.07
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	2	3.07
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	2	3.07
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	3	3.07
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	3	3.07
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	3	3.07
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	18	3.07
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	18	3.07
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	18	3.07
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	6	3.07
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	6	3.07
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	6	3.07
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	6	3.07
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	6	3.07
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	6	3.07
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	6	3.07
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	6	3.07
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	6	3.07
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	6	3.07
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	6	3.07
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	6	3.07
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	14	3.07
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	14	3.07
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	14	3.07
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	18	3.07
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	18	3.07
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	18	3.07
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	20	3.07
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	20	3.07
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	20	3.07
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	3	3.07
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	3	3.07
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	3	3.07
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	3	3.07
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	3	3.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	3	3.07
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	6	3.07
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	6	3.07
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	6	3.07
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	6	3.07
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	6	3.07
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	6	3.07
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	16	3.07
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	16	3.07
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	16	3.07
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	16	3.07
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	16	3.07
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	16	3.07
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	6	3.07
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	6	3.07
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	6	3.07
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	7	3.07
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	7	3.07
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	7	3.07
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	13	3.07
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	13	3.07
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	13	3.07
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	14	3.07
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	14	3.07
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	14	3.07
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	14	3.07
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	14	3.07
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	14	3.07
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	1	3.06
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	1	3.06
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	1	3.06
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	1	3.06
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	1	3.06
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	1	3.06
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	11	3.06
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	11	3.06
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	11	3.06
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	11	3.06
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	11	3.06
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	11	3.06
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	18	3.06
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	18	3.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	18	3.06
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	18	3.06
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	18	3.06
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	18	3.06
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	7	3.06
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	7	3.06
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	7	3.06
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	10	3.06
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	10	3.06
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	10	3.06
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	12	3.06
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	12	3.06
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	12	3.06
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	6	3.06
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	6	3.06
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	6	3.06
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	6	3.06
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	6	3.06
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	6	3.06
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	6	3.06
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	6	3.06
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	6	3.06
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	6	3.06
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	6	3.06
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	6	3.06
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	6	3.06
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	6	3.06
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	6	3.06
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	6	3.06
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	6	3.06
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	6	3.06
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	19	3.06
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	19	3.06
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	19	3.06
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	19	3.06
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	19	3.06
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	19	3.06
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	19	3.06
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	19	3.06
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	19	3.06
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	7	3.06
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	7	3.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	7	3.06
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	7	3.06
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	7	3.06
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	7	3.06
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	6	3.06
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	6	3.06
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	6	3.06
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	18	3.06
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	18	3.06
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	18	3.06
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	10	3.06
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	10	3.06
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	14	3.06
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	14	3.06
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	14	3.06
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	14	3.06
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	14	3.06
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	14	3.06
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	14	3.06
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	14	3.06
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	14	3.06
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	7	3.06
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	7	3.06
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	7	3.06
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	2	3.06
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	2	3.06
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	2	3.06
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	4	3.06
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	4	3.06
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	4	3.06
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	15	3.05
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	15	3.05
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	9	3.05
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	9	3.05
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	9	3.05
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	9	3.05
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	9	3.05
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	9	3.05
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	15	3.05
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	15	3.05
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	15	3.05
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	15	3.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	15	3.05
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	15	3.05
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	17	3.05
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	17	3.05
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	13	3.05
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	13	3.05
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	13	3.05
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	13	3.05
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	13	3.05
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	13	3.05
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	14	3.05
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	14	3.05
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	14	3.05
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	14	3.05
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	14	3.05
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	14	3.05
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	14	3.05
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	14	3.05
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	14	3.05
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	14	3.05
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	14	3.05
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	14	3.05
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	14	3.05
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	14	3.05
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	14	3.05
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	14	3.05
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	14	3.05
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	14	3.05
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	14	3.05
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	14	3.05
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	14	3.05
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	14	3.05
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	14	3.05
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	14	3.05
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	14	3.05
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	14	3.05
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	14	3.05
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	15	3.05
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	15	3.05
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	15	3.05
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	9	3.05
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	9	3.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	9	3.05
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	9	3.05
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	9	3.05
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	9	3.05
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	9	3.05
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	9	3.05
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	9	3.05
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	5	3.05
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	5	3.05
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	5	3.05
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	5	3.05
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	5	3.05
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	5	3.05
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	2	3.05
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	2	3.05
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	2	3.05
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	2	3.05
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	2	3.05
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	2	3.05
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	9	3.05
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	9	3.05
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	9	3.05
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	9	3.05
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	9	3.05
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	9	3.05
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	13	3.05
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	13	3.05
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	13	3.05
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	17	3.05
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	17	3.05
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	17	3.05
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	20	3.05
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	20	3.05
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	20	3.05
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	15	3.05
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	15	3.05
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	15	3.05
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	19	3.05
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	19	3.05
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	19	3.05
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	6	3.05
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	6	3.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	6	3.05
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	15	3.05
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	15	3.05
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	15	3.05
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	15	3.05
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	15	3.05
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	15	3.05
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	9	3.05
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	9	3.05
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	9	3.05
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	17	3.05
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	17	3.05
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	17	3.05
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	9	3.05
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	9	3.05
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	9	3.05
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	9	3.05
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	9	3.05
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	9	3.05
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	3	3.05
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	3	3.05
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	3	3.05
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	9	3.04
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	9	3.04
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	9	3.04
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	9	3.04
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	9	3.04
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	9	3.04
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	12	3.04
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	12	3.04
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	12	3.04
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	12	3.04
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	12	3.04
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	12	3.04
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	3	3.04
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	3	3.04
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	3	3.04
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	3	3.04
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	3	3.04
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	3	3.04
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	19	3.04
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	19	3.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	19	3.04
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	19	3.04
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	17	3.04
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	17	3.04
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	17	3.04
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	4	3.04
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	4	3.04
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	4	3.04
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	8	3.04
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	8	3.04
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	8	3.04
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	1	3.04
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	1	3.04
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	1	3.04
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	1	3.04
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	1	3.04
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	1	3.04
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	6	3.04
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	6	3.04
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	6	3.04
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	14	3.04
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	14	3.04
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	14	3.04
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	15	3.04
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	15	3.04
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	15	3.04
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	8	3.04
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	8	3.04
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	8	3.04
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	9	3.04
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	9	3.04
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	9	3.04
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	4	3.04
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	4	3.04
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	4	3.04
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	4	3.04
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	4	3.04
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	4	3.04
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	1	3.04
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	1	3.04
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	1	3.04
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	8	3.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	8	3.04
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	8	3.04
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	3	3.04
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	3	3.04
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	3	3.04
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	10	3.04
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	10	3.04
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	10	3.04
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	20	3.04
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	20	3.04
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	20	3.04
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	20	3.04
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	20	3.04
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	20	3.04
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	2	3.04
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	2	3.04
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	17	3.04
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	17	3.04
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	17	3.04
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	8	3.03
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	8	3.03
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	8	3.03
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	8	3.03
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	8	3.03
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	8	3.03
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	18	3.03
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	18	3.03
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	18	3.03
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	18	3.03
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	18	3.03
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	18	3.03
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	16	3.03
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	16	3.03
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	16	3.03
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	16	3.03
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	16	3.03
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	16	3.03
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	1	3.03
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	1	3.03
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	1	3.03
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	3	3.03
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	3	3.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	3	3.03
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	3	3.03
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	3	3.03
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	3	3.03
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	5	3.03
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	5	3.03
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	5	3.03
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	19	3.03
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	19	3.03
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	19	3.03
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	8	3.03
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	8	3.03
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	8	3.03
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	8	3.03
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	8	3.03
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	8	3.03
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	17	3.03
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	17	3.03
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	17	3.03
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	17	3.03
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	17	3.03
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	17	3.03
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	8	3.03
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	8	3.03
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	8	3.03
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	8	3.03
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	8	3.03
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	8	3.03
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	8	3.03
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	8	3.03
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	8	3.03
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	8	3.03
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	8	3.03
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	8	3.03
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	9	3.03
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	9	3.03
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	9	3.03
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	8	3.03
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	8	3.03
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	17	3.03
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	17	3.03
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	17	3.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	2	3.03
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	2	3.03
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	2	3.03
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	5	3.03
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	5	3.03
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	1	3.03
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	1	3.03
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	1	3.03
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	1	3.03
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	1	3.03
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	1	3.03
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	1	3.03
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	1	3.03
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	1	3.03
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	1	3.03
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	1	3.03
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	1	3.03
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	1	3.03
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	1	3.03
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	1	3.03
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	1	3.03
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	1	3.03
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	1	3.03
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	14	3.02
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	14	3.02
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	14	3.02
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	14	3.02
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	14	3.02
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	14	3.02
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	2	3.02
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	2	3.02
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	2	3.02
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	2	3.02
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	2	3.02
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	2	3.02
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	15	3.02
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	15	3.02
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	15	3.02
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	15	3.02
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	15	3.02
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	15	3.02
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	6	3.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	6	3.02
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	2	3.02
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	2	3.02
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	2	3.02
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	2	3.02
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	2	3.02
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	2	3.02
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	19	3.02
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	19	3.02
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	19	3.02
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	19	3.02
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	19	3.02
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	19	3.02
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	3	3.02
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	3	3.02
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	3	3.02
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	13	3.02
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	13	3.02
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	13	3.02
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	14	3.02
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	14	3.02
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	14	3.02
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	11	3.02
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	11	3.02
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	11	3.02
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	7	3.02
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	7	3.02
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	7	3.02
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	7	3.02
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	7	3.02
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	7	3.02
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	7	3.02
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	7	3.02
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	7	3.02
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	7	3.02
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	7	3.02
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	7	3.02
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	7	3.02
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	7	3.02
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	7	3.02
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	7	3.02
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	7	3.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	7	3.02
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	20	3.02
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	20	3.02
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	20	3.02
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	4	3.02
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	4	3.02
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	4	3.02
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	4	3.02
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	4	3.02
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	4	3.02
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	11	3.02
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	11	3.02
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	11	3.02
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	11	3.02
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	11	3.02
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	11	3.02
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	18	3.02
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	18	3.02
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	18	3.02
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	17	3.02
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	17	3.02
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	17	3.02
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	17	3.02
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	17	3.02
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	17	3.02
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	17	3.02
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	17	3.02
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	17	3.02
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	17	3.02
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	17	3.02
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	17	3.02
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	14	3.02
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	14	3.02
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	14	3.02
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	14	3.02
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	14	3.02
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	14	3.02
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	14	3.02
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	14	3.02
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	14	3.02
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	16	3.02
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	16	3.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	16	3.02
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	6	3.02
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	6	3.02
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	6	3.02
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	10	3.01
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	10	3.01
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	10	3.01
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	10	3.01
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	10	3.01
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	10	3.01
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	19	3.01
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	19	3.01
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	19	3.01
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	19	3.01
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	19	3.01
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	19	3.01
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	20	3.01
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	20	3.01
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	20	3.01
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	20	3.01
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	20	3.01
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	20	3.01
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	20	3.01
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	20	3.01
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	20	3.01
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	20	3.01
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	20	3.01
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	20	3.01
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	20	3.01
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	20	3.01
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	20	3.01
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	20	3.01
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	20	3.01
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	20	3.01
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	7	3.01
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	7	3.01
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	7	3.01
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	7	3.01
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	7	3.01
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	7	3.01
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	16	3.01
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	16	3.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	16	3.01
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	16	3.01
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	16	3.01
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	16	3.01
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	4	3.01
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	4	3.01
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	4	3.01
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	7	3.01
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	7	3.01
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	7	3.01
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	13	3.01
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	13	3.01
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	13	3.01
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	10	3.01
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	10	3.01
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	10	3.01
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	17	3.01
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	17	3.01
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	17	3.01
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	17	3.01
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	17	3.01
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	17	3.01
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	18	3.01
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	18	3.01
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	18	3.01
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	18	3.01
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	18	3.01
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	18	3.01
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	17	3.01
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	17	3.01
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	17	3.01
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	13	3.01
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	13	3.01
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	13	3.01
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	13	3.01
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	13	3.01
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	13	3.01
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	8	3.01
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	8	3.01
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	8	3.01
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	13	3.01
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	13	3.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	13	3.01
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	16	3.01
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	16	3.01
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	16	3.01
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	7	3.01
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	7	3.01
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	7	3.01
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	20	3.01
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	20	3.01
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	20	3.01
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	16	3.01
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	16	3.01
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	16	3.01
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	16	3.01
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	16	3.01
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	16	3.01
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	16	3.01
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	16	3.01
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	16	3.01
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	17	3.01
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	17	3.01
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	11	3.0
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	11	3.0
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	11	3.0
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	11	3.0
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	11	3.0
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	11	3.0
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	2	3.0
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	2	3.0
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	2	3.0
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	2	3.0
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	2	3.0
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	2	3.0
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	1	3.0
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	1	3.0
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	1	3.0
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	1	3.0
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	1	3.0
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	1	3.0
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	4	3.0
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	4	3.0
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	4	3.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	4	3.0
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	4	3.0
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	4	3.0
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	5	3.0
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	5	3.0
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	5	3.0
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	5	3.0
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	5	3.0
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	5	3.0
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	10	3.0
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	10	3.0
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	10	3.0
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	10	3.0
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	10	3.0
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	10	3.0
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	20	3.0
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	20	3.0
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	20	3.0
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	20	3.0
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	20	3.0
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	20	3.0
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	9	3.0
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	9	3.0
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	9	3.0
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	9	3.0
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	9	3.0
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	9	3.0
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	18	3.0
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	18	3.0
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	18	3.0
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	18	3.0
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	18	3.0
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	18	3.0
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	16	3.0
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	16	3.0
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	16	3.0
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	14	3.0
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	14	3.0
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	14	3.0
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	7	3.0
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	7	3.0
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	7	3.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	8	3.0
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	8	3.0
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	8	3.0
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	18	3.0
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	18	3.0
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	18	3.0
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD23	4	3.0
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD21	4	3.0
(1,2835)	1:857:A:LEU:HD21	1:900:A:LEU:HD22	4	3.0
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD23	4	3.0
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD21	4	3.0
(1,2835)	1:857:A:LEU:HD22	1:900:A:LEU:HD22	4	3.0
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD23	4	3.0
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD21	4	3.0
(1,2835)	1:857:A:LEU:HD23	1:900:A:LEU:HD22	4	3.0
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD23	4	3.0
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD21	4	3.0
(1,2835)	1:857:A:LEU:HD11	1:900:A:LEU:HD22	4	3.0
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD23	4	3.0
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD21	4	3.0
(1,2835)	1:857:A:LEU:HD12	1:900:A:LEU:HD22	4	3.0
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD23	4	3.0
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD21	4	3.0
(1,2835)	1:857:A:LEU:HD13	1:900:A:LEU:HD22	4	3.0
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	11	3.0
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	11	3.0
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	11	3.0
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	17	3.0
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	17	3.0
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	17	3.0
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	17	3.0
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	17	3.0
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	17	3.0
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	17	3.0
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	17	3.0
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	17	3.0
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	17	3.0
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	17	3.0
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	17	3.0
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	10	3.0
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	10	3.0
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	10	3.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	8	3.0
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	8	3.0
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	8	3.0
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	1	3.0
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	1	3.0
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	1	3.0
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	1	3.0
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	1	3.0
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	1	3.0
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	5	3.0
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	5	3.0
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	5	3.0
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	5	3.0
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	5	3.0
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	5	3.0
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	5	3.0
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	5	3.0
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	5	3.0
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	11	3.0
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	11	3.0
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	11	3.0
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	17	3.0
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	17	3.0
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	17	3.0
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG21	15	3.0
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG22	15	3.0
(1,653)	1:886:A:LEU:HD21	1:897:A:ILE:HG23	15	3.0
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG21	15	3.0
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG22	15	3.0
(1,653)	1:886:A:LEU:HD22	1:897:A:ILE:HG23	15	3.0
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG21	15	3.0
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG22	15	3.0
(1,653)	1:886:A:LEU:HD23	1:897:A:ILE:HG23	15	3.0
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	14	3.0
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	14	3.0
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	14	3.0
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	13	3.0
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	13	3.0
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	13	3.0
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	2	3.0
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	2	3.0
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	2	3.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	2	3.0
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	2	3.0
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	2	3.0
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	2	3.0
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	2	3.0
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	2	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	5	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	5	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	5	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	5	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	5	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	5	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	5	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	5	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	5	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	5	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	5	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	5	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	5	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	5	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	5	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	5	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	5	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	5	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	10	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	10	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	10	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	10	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	10	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	10	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	10	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	10	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	10	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	10	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	10	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	10	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	10	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	10	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	10	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	10	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	10	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	10	3.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	14	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	14	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	14	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	14	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	14	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	14	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	14	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	14	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	14	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	14	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	14	3.0
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	14	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	14	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	14	3.0
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	14	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	14	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	14	3.0
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	14	3.0
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	8	3.0
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	8	3.0
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	8	3.0
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	8	3.0
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	8	3.0
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	8	3.0
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	16	2.99
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	16	2.99
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	16	2.99
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	16	2.99
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	16	2.99
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	16	2.99
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	13	2.99
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	13	2.99
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	13	2.99
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	13	2.99
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	13	2.99
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	13	2.99
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD11	9	2.99
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD12	9	2.99
(1,3220)	1:857:A:LEU:HB3	1:900:A:LEU:HD13	9	2.99
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD11	9	2.99
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD12	9	2.99
(1,3220)	1:857:A:LEU:HB2	1:900:A:LEU:HD13	9	2.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	8	2.99
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	8	2.99
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	11	2.99
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	11	2.99
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	11	2.99
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	11	2.99
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	11	2.99
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	11	2.99
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	2	2.99
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	2	2.99
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	1	2.99
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	1	2.99
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	1	2.99
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	19	2.99
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	19	2.99
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	19	2.99
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	20	2.99
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	20	2.99
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	20	2.99
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	7	2.99
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	7	2.99
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	7	2.99
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	7	2.99
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	7	2.99
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	7	2.99
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	7	2.99
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	7	2.99
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	7	2.99
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	1	2.99
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	1	2.99
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	1	2.99
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	10	2.99
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	10	2.99
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	10	2.99
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	20	2.99
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	20	2.99
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	20	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	4	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	4	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	4	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	7	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	7	2.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	7	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	12	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	12	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	12	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	15	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	15	2.99
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	15	2.99
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	12	2.99
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	12	2.99
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	12	2.99
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	12	2.99
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	12	2.99
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	12	2.99
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	7	2.99
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	7	2.99
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	7	2.99
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	8	2.99
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	8	2.99
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	8	2.99
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	14	2.99
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	14	2.99
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	2	2.99
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	2	2.99
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	2	2.99
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	2	2.99
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	2	2.99
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	2	2.99
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	2	2.99
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	2	2.99
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	2	2.99
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	15	2.99
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	15	2.99
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	15	2.99
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	19	2.99
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	19	2.99
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	19	2.99
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	4	2.99
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	4	2.99
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	4	2.99
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	4	2.99
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	4	2.99
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	4	2.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	4	2.99
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	4	2.99
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	4	2.99
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	3	2.98
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	3	2.98
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	3	2.98
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	3	2.98
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	3	2.98
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	3	2.98
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	16	2.98
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	16	2.98
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	16	2.98
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	16	2.98
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	16	2.98
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	16	2.98
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	18	2.98
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	18	2.98
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	18	2.98
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	18	2.98
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	18	2.98
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	18	2.98
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	10	2.98
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	10	2.98
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	10	2.98
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	10	2.98
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	10	2.98
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	10	2.98
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	16	2.98
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	16	2.98
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	7	2.98
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	7	2.98
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	7	2.98
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	7	2.98
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	7	2.98
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	7	2.98
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	18	2.98
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	18	2.98
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	18	2.98
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	9	2.98
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	9	2.98
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	9	2.98
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	11	2.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	11	2.98
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	11	2.98
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	15	2.98
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	15	2.98
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	15	2.98
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	20	2.98
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	20	2.98
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	20	2.98
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	5	2.98
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	5	2.98
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	5	2.98
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	5	2.98
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	5	2.98
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	5	2.98
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	5	2.98
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	5	2.98
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	5	2.98
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	10	2.98
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	10	2.98
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	10	2.98
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	7	2.98
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	7	2.98
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	3	2.98
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	3	2.98
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	3	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	1	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	1	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	1	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	1	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	1	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	1	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	1	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	1	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	1	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	3	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	3	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	3	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	3	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	3	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	3	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	3	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	3	2.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	3	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	7	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	7	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	7	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	7	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	7	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	7	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	7	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	7	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	7	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	9	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	9	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	9	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	9	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	9	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	9	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	9	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	9	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	9	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	18	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	18	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	18	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	18	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	18	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	18	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	18	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	18	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	18	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	19	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	19	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	19	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	19	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	19	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	19	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	19	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	19	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	19	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	20	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	20	2.98
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	20	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	20	2.98
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	20	2.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	20	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	20	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	20	2.98
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	20	2.98
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	4	2.98
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	4	2.98
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	4	2.98
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	8	2.98
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	8	2.98
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	8	2.98
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	8	2.98
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	8	2.98
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	8	2.98
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	8	2.98
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	8	2.98
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	8	2.98
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	20	2.98
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	20	2.98
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	20	2.98
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	20	2.97
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	20	2.97
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	20	2.97
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	20	2.97
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	20	2.97
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	20	2.97
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	17	2.97
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	17	2.97
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	17	2.97
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	17	2.97
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	17	2.97
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	17	2.97
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	6	2.97
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	6	2.97
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	6	2.97
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	6	2.97
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	6	2.97
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	6	2.97
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	1	2.97
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	1	2.97
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	1	2.97
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	1	2.97
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	1	2.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	1	2.97
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	5	2.97
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	5	2.97
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	5	2.97
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	9	2.97
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	9	2.97
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	9	2.97
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	1	2.97
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	1	2.97
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	1	2.97
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	13	2.97
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	13	2.97
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	13	2.97
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	19	2.97
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	19	2.97
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	19	2.97
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	19	2.97
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	19	2.97
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	19	2.97
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	12	2.97
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	12	2.97
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	12	2.97
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	17	2.97
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	17	2.97
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	17	2.97
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	15	2.97
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	15	2.97
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	15	2.97
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	15	2.97
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	15	2.97
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	15	2.97
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	19	2.97
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	19	2.97
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	19	2.97
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	19	2.97
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	19	2.97
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	19	2.97
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	20	2.97
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	20	2.97
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	20	2.97
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	20	2.97
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	20	2.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	20	2.97
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	3	2.97
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	3	2.97
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	3	2.97
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	7	2.97
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	7	2.97
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	7	2.97
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	1	2.97
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	1	2.97
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	1	2.97
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	8	2.97
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	8	2.97
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	8	2.97
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	8	2.97
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	8	2.97
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	8	2.97
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	9	2.97
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	9	2.97
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	9	2.97
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	9	2.97
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	9	2.97
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	9	2.97
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	13	2.97
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	13	2.97
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	13	2.97
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	13	2.97
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	13	2.97
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	13	2.97
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	19	2.97
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	19	2.97
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	19	2.97
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	6	2.97
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	6	2.97
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	6	2.97
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	6	2.97
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	6	2.97
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	6	2.97
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	6	2.97
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	6	2.97
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	6	2.97
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	15	2.97
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	15	2.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	15	2.97
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	15	2.97
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	15	2.97
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	15	2.97
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	15	2.97
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	15	2.97
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	15	2.97
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	4	2.97
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	4	2.97
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	4	2.97
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	19	2.97
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	19	2.97
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	19	2.97
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	19	2.97
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	19	2.97
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	19	2.97
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	6	2.96
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	6	2.96
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	6	2.96
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	6	2.96
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	6	2.96
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	6	2.96
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	17	2.96
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	17	2.96
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	17	2.96
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	17	2.96
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	17	2.96
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	17	2.96
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	5	2.96
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	5	2.96
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	5	2.96
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	5	2.96
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	5	2.96
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	5	2.96
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB2	16	2.96
(1,3209)	1:854:A:ILE:HD11	1:876:A:LEU:HB3	16	2.96
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB2	16	2.96
(1,3209)	1:854:A:ILE:HD12	1:876:A:LEU:HB3	16	2.96
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB2	16	2.96
(1,3209)	1:854:A:ILE:HD13	1:876:A:LEU:HB3	16	2.96
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	6	2.96
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	6	2.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	11	2.96
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	11	2.96
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	11	2.96
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	11	2.96
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	11	2.96
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	11	2.96
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	11	2.96
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	11	2.96
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	11	2.96
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	11	2.96
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	11	2.96
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	11	2.96
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	5	2.96
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	5	2.96
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	5	2.96
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	6	2.96
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	6	2.96
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	6	2.96
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	8	2.96
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	8	2.96
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	8	2.96
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	13	2.96
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	13	2.96
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	13	2.96
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	3	2.96
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	3	2.96
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	3	2.96
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	1	2.96
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	1	2.96
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	1	2.96
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	8	2.96
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	6	2.96
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	6	2.96
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	6	2.96
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	5	2.96
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	5	2.96
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	5	2.96
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	5	2.96
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	5	2.96
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	5	2.96
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	1	2.96
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	1	2.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	1	2.96
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	1	2.96
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	1	2.96
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	1	2.96
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	7	2.96
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	7	2.96
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	7	2.96
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	12	2.96
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	12	2.96
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	12	2.96
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	17	2.96
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	17	2.96
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	17	2.96
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	17	2.96
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	17	2.96
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	17	2.96
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	17	2.96
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	17	2.96
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	17	2.96
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	6	2.96
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	6	2.96
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	6	2.96
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	14	2.96
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	14	2.96
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	14	2.96
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	3	2.96
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	3	2.96
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	3	2.96
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	3	2.96
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	3	2.96
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	3	2.96
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	3	2.96
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	3	2.96
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	3	2.96
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	12	2.96
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	12	2.96
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	14	2.96
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	14	2.96
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	14	2.96
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	14	2.96
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	14	2.96
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	14	2.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	8	2.95
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	8	2.95
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	8	2.95
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	8	2.95
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	8	2.95
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	8	2.95
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	18	2.95
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	18	2.95
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	13	2.95
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	13	2.95
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	13	2.95
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	13	2.95
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	13	2.95
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	13	2.95
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	10	2.95
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	10	2.95
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	10	2.95
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	10	2.95
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	10	2.95
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	10	2.95
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB2	13	2.95
(1,2932)	1:845:A:LEU:HD11	1:881:A:ARG:HB3	13	2.95
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB2	13	2.95
(1,2932)	1:845:A:LEU:HD12	1:881:A:ARG:HB3	13	2.95
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB2	13	2.95
(1,2932)	1:845:A:LEU:HD13	1:881:A:ARG:HB3	13	2.95
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	6	2.95
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	6	2.95
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	6	2.95
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	2	2.95
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	2	2.95
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	2	2.95
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	1	2.95
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	1	2.95
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	1	2.95
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	11	2.95
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	11	2.95
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	11	2.95
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	11	2.95
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	11	2.95
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	11	2.95
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	11	2.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	11	2.95
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	11	2.95
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	9	2.95
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	9	2.95
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	9	2.95
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	4	2.95
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	4	2.95
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	4	2.95
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	4	2.95
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	4	2.95
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	4	2.95
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	5	2.95
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	5	2.95
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	5	2.95
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	5	2.95
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	5	2.95
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	5	2.95
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	5	2.95
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	5	2.95
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	5	2.95
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	8	2.95
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	8	2.95
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	8	2.95
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	8	2.95
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	8	2.95
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	8	2.95
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	12	2.95
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	12	2.95
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	12	2.95
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	12	2.95
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	12	2.95
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	12	2.95
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	14	2.95
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	14	2.95
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	14	2.95
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	14	2.95
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	14	2.95
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	14	2.95
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	2	2.95
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	2	2.95
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	2	2.95
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	16	2.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	16	2.95
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	16	2.95
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	11	2.95
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	11	2.95
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	11	2.95
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	7	2.95
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	7	2.95
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	7	2.95
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	7	2.95
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	7	2.95
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	7	2.95
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	7	2.95
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	7	2.95
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	7	2.95
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	2	2.95
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	2	2.95
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	2	2.95
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	2	2.95
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	2	2.95
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	2	2.95
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	9	2.95
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	9	2.95
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	9	2.95
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	9	2.95
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	9	2.95
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	9	2.95
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	12	2.95
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	12	2.95
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	12	2.95
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	13	2.95
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	13	2.95
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	13	2.95
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	13	2.95
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	13	2.95
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	13	2.95
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	20	2.95
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	20	2.95
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	20	2.95
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	20	2.95
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	20	2.95
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	20	2.95
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	4	2.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	4	2.95
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	4	2.95
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	11	2.95
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	11	2.95
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	11	2.95
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	13	2.95
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	13	2.95
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	13	2.95
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	13	2.95
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	13	2.95
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	13	2.95
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	13	2.95
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	13	2.95
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	13	2.95
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	13	2.95
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	13	2.95
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	13	2.95
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	16	2.95
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	16	2.95
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	16	2.95
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	16	2.95
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	16	2.95
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	16	2.95
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	16	2.95
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	16	2.95
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	16	2.95
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	4	2.95
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	4	2.95
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	4	2.95
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	6	2.95
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	6	2.95
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	6	2.95
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	17	2.95
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	17	2.95
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	17	2.95
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	2	2.95
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	2	2.95
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	2	2.95
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	14	2.94
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	14	2.94
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	9	2.94
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	9	2.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	9	2.94
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	9	2.94
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	9	2.94
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	9	2.94
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	14	2.94
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	14	2.94
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	14	2.94
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	14	2.94
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	14	2.94
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	14	2.94
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	3	2.94
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	3	2.94
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	3	2.94
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	3	2.94
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	3	2.94
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	3	2.94
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	2	2.94
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	2	2.94
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	2	2.94
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	13	2.94
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	13	2.94
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	13	2.94
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	10	2.94
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	10	2.94
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	10	2.94
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	8	2.94
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	8	2.94
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	8	2.94
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	8	2.94
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	8	2.94
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	8	2.94
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	8	2.94
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	8	2.94
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	8	2.94
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	4	2.94
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	4	2.94
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	4	2.94
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	15	2.94
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	15	2.94
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	15	2.94
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	14	2.94
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	14	2.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	14	2.94
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	14	2.94
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	14	2.94
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	14	2.94
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	18	2.94
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	18	2.94
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	18	2.94
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	18	2.94
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	18	2.94
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	18	2.94
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	9	2.94
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	9	2.94
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	9	2.94
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	9	2.94
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	9	2.94
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	9	2.94
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	5	2.94
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	5	2.94
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	5	2.94
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	5	2.94
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	5	2.94
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	5	2.94
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	16	2.94
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	16	2.94
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	16	2.94
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	18	2.94
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	18	2.94
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	18	2.94
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	20	2.94
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	20	2.94
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	1	2.94
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	1	2.94
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	1	2.94
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	7	2.94
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	7	2.94
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	7	2.94
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	7	2.94
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	7	2.94
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	7	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	3	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	3	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	3	2.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	3	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	3	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	3	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	3	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	3	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	3	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	7	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	7	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	7	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	7	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	7	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	7	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	7	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	7	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	7	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	14	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	14	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	14	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	14	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	14	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	14	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	14	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	14	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	14	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	16	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	16	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	16	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	16	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	16	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	16	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	16	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	16	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	16	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	20	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	20	2.94
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	20	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	20	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	20	2.94
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	20	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	20	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	20	2.94
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	20	2.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	10	2.94
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	10	2.94
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	10	2.94
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	10	2.94
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	10	2.94
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	10	2.94
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	10	2.94
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	10	2.94
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	10	2.94
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	11	2.94
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	11	2.94
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	11	2.94
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	11	2.94
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	11	2.94
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	11	2.94
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	11	2.94
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	11	2.94
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	11	2.94
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	19	2.94
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	19	2.94
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	19	2.94
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	16	2.94
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	16	2.94
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	16	2.94
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	9	2.94
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	9	2.94
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	9	2.94
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	10	2.94
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	10	2.94
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	10	2.94
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	10	2.94
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	10	2.94
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	10	2.94
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	12	2.94
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	12	2.94
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	12	2.94
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	12	2.94
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	12	2.94
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	12	2.94
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	9	2.94
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	9	2.94
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	9	2.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	6	2.93
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	6	2.93
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	6	2.93
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	6	2.93
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB2	6	2.93
(1,3295)	1:879:A:ALA:HB1	1:882:A:PHE:HB3	6	2.93
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB2	6	2.93
(1,3295)	1:879:A:ALA:HB2	1:882:A:PHE:HB3	6	2.93
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB2	6	2.93
(1,3295)	1:879:A:ALA:HB3	1:882:A:PHE:HB3	6	2.93
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	6	2.93
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	6	2.93
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	6	2.93
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	6	2.93
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	6	2.93
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	6	2.93
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	2	2.93
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	2	2.93
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	2	2.93
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	2	2.93
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	2	2.93
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	2	2.93
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	15	2.93
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	15	2.93
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	13	2.93
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	13	2.93
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	13	2.93
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	13	2.93
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	13	2.93
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	13	2.93
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	14	2.93
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	14	2.93
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	14	2.93
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	20	2.93
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	20	2.93
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	20	2.93
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	1	2.93
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	1	2.93
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	1	2.93
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	1	2.93
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	1	2.93
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	1	2.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	1	2.93
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	1	2.93
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	1	2.93
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	16	2.93
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	16	2.93
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	16	2.93
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	16	2.93
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	16	2.93
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	16	2.93
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	16	2.93
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	16	2.93
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	16	2.93
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	1	2.93
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	1	2.93
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	1	2.93
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	1	2.93
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	1	2.93
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	1	2.93
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	1	2.93
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	1	2.93
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	1	2.93
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	19	2.93
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	19	2.93
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	19	2.93
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	4	2.93
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	4	2.93
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	4	2.93
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	8	2.93
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	8	2.93
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	8	2.93
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	18	2.93
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	18	2.93
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	3	2.93
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	3	2.93
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	3	2.93
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	3	2.93
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	3	2.93
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	3	2.93
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	14	2.93
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	14	2.93
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	14	2.93
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	14	2.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	14	2.93
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	14	2.93
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	16	2.93
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	16	2.93
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	16	2.93
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	19	2.93
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	19	2.93
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	19	2.93
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	18	2.93
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	18	2.93
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	18	2.93
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	2	2.93
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	2	2.93
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	2	2.93
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	7	2.93
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	7	2.93
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	7	2.93
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	11	2.93
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	11	2.93
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	11	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	2	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	2	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	2	2.93
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	2	2.93
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	2	2.93
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	2	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	2	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	2	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	2	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	9	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	9	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	9	2.93
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	9	2.93
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	9	2.93
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	9	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	9	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	9	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	9	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	15	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	15	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	15	2.93
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	15	2.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	15	2.93
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	15	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	15	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	15	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	15	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	19	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	19	2.93
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	19	2.93
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	19	2.93
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	19	2.93
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	19	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	19	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	19	2.93
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	19	2.93
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	8	2.93
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	8	2.93
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	8	2.93
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	8	2.93
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	8	2.93
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	8	2.93
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	8	2.93
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	8	2.93
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	8	2.93
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	12	2.93
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	12	2.93
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	12	2.93
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	12	2.93
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	12	2.93
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	12	2.93
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	12	2.93
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	12	2.93
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	12	2.93
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	3	2.93
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	3	2.93
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	3	2.93
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	13	2.93
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	13	2.93
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	13	2.93
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	4	2.93
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	4	2.93
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	4	2.93
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	4	2.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	4	2.93
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	4	2.93
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	4	2.93
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	4	2.93
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	4	2.93
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	20	2.93
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	20	2.93
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	20	2.93
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	20	2.93
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	20	2.93
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	20	2.93
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	20	2.93
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	20	2.93
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	20	2.93
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	16	2.93
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	16	2.93
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	16	2.93
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	14	2.92
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	14	2.92
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	14	2.92
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	14	2.92
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	14	2.92
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	14	2.92
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	4	2.92
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	4	2.92
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	4	2.92
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	4	2.92
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	4	2.92
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	4	2.92
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	20	2.92
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	20	2.92
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	20	2.92
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	20	2.92
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	20	2.92
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	20	2.92
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	9	2.92
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	9	2.92
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	9	2.92
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	9	2.92
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	9	2.92
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	9	2.92
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	11	2.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	11	2.92
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	6	2.92
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	6	2.92
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	6	2.92
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	6	2.92
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	6	2.92
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	6	2.92
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	5	2.92
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	5	2.92
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	5	2.92
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	5	2.92
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	5	2.92
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	5	2.92
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	17	2.92
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	17	2.92
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	14	2.92
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	14	2.92
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	14	2.92
(1,2865)	1:845:A:LEU:HD21	1:850:A:PHE:HB2	16	2.92
(1,2865)	1:845:A:LEU:HD22	1:850:A:PHE:HB2	16	2.92
(1,2865)	1:845:A:LEU:HD23	1:850:A:PHE:HB2	16	2.92
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	16	2.92
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	16	2.92
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	16	2.92
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	18	2.92
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	18	2.92
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	18	2.92
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	7	2.92
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	7	2.92
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	7	2.92
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	7	2.92
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	7	2.92
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	7	2.92
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	7	2.92
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	7	2.92
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	7	2.92
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	17	2.92
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	17	2.92
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	17	2.92
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	17	2.92
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	17	2.92
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	17	2.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	17	2.92
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	17	2.92
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	17	2.92
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	2	2.92
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	2	2.92
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	2	2.92
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	2	2.92
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	2	2.92
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	2	2.92
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	7	2.92
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	7	2.92
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	7	2.92
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	7	2.92
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	7	2.92
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	7	2.92
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	11	2.92
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	11	2.92
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	11	2.92
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	11	2.92
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	11	2.92
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	11	2.92
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	12	2.92
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	12	2.92
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	12	2.92
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	12	2.92
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	12	2.92
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	12	2.92
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	1	2.92
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	1	2.92
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	1	2.92
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	2	2.92
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	2	2.92
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	2	2.92
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	12	2.92
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	12	2.92
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	19	2.92
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	19	2.92
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	12	2.92
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	12	2.92
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	12	2.92
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	12	2.92
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	12	2.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	12	2.92
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	12	2.92
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	12	2.92
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	12	2.92
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	15	2.92
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	15	2.92
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	15	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	1	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	1	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	1	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	1	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	1	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	1	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	1	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	1	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	1	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	4	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	4	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	4	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	4	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	4	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	4	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	4	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	4	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	4	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	6	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	6	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	6	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	6	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	6	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	6	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	6	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	6	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	6	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	10	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	10	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	10	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	10	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	10	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	10	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	10	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	10	2.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	10	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	11	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	11	2.92
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	11	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	11	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	11	2.92
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	11	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	11	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	11	2.92
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	11	2.92
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	2	2.92
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	2	2.92
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	2	2.92
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	2	2.92
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	2	2.92
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	2	2.92
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	2	2.92
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	2	2.92
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	2	2.92
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD11	5	2.92
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD12	5	2.92
(1,470)	1:873:A:LEU:HD11	1:900:A:LEU:HD13	5	2.92
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD11	5	2.92
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD12	5	2.92
(1,470)	1:873:A:LEU:HD12	1:900:A:LEU:HD13	5	2.92
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD11	5	2.92
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD12	5	2.92
(1,470)	1:873:A:LEU:HD13	1:900:A:LEU:HD13	5	2.92
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	17	2.92
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	17	2.92
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	17	2.92
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	4	2.92
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	4	2.92
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	4	2.92
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	15	2.92
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	15	2.92
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	15	2.92
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	15	2.92
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	15	2.92
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	15	2.92
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	15	2.92
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	15	2.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	15	2.92
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	15	2.92
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	15	2.92
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	15	2.92
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	15	2.92
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	15	2.92
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	15	2.92
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	15	2.92
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	15	2.92
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	15	2.92
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	2	2.92
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	2	2.92
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	2	2.92
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	2	2.92
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	2	2.92
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	2	2.92
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	4	2.92
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	4	2.92
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	4	2.92
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	4	2.92
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	4	2.92
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	4	2.92
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	13	2.92
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	13	2.92
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	13	2.92
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	13	2.92
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	13	2.92
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	13	2.92
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	8	2.91
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	8	2.91
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	8	2.91
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	8	2.91
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	8	2.91
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	8	2.91
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	7	2.91
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	7	2.91
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	14	2.91
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	14	2.91
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	20	2.91
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	20	2.91
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	20	2.91
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	7	2.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	7	2.91
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	7	2.91
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	6	2.91
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	6	2.91
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	6	2.91
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	6	2.91
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	6	2.91
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	6	2.91
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	6	2.91
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	6	2.91
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	6	2.91
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	12	2.91
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	12	2.91
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	12	2.91
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	12	2.91
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	12	2.91
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	12	2.91
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	12	2.91
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	12	2.91
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	12	2.91
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	10	2.91
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	10	2.91
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	10	2.91
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	10	2.91
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	10	2.91
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	10	2.91
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	10	2.91
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	10	2.91
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	10	2.91
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	18	2.91
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	18	2.91
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	18	2.91
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	10	2.91
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	10	2.91
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	10	2.91
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	10	2.91
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	10	2.91
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	10	2.91
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE1	13	2.91
(1,2388)	1:920:A:LEU:HD11	1:924:A:TYR:HE2	13	2.91
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE1	13	2.91
(1,2388)	1:920:A:LEU:HD12	1:924:A:TYR:HE2	13	2.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE1	13	2.91
(1,2388)	1:920:A:LEU:HD13	1:924:A:TYR:HE2	13	2.91
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	18	2.91
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	18	2.91
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	18	2.91
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	13	2.91
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	7	2.91
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	7	2.91
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	7	2.91
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	8	2.91
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	8	2.91
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	12	2.91
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	12	2.91
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	19	2.91
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	17	2.91
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	17	2.91
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	17	2.91
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	15	2.91
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	15	2.91
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	15	2.91
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	10	2.91
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	10	2.91
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	10	2.91
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	13	2.91
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	13	2.91
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	13	2.91
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	13	2.91
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	13	2.91
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	13	2.91
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	13	2.91
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	13	2.91
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	13	2.91
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	7	2.91
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	7	2.91
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	7	2.91
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	13	2.91
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	13	2.91
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	13	2.91
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	20	2.91
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	20	2.91
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	20	2.91
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	19	2.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	19	2.91
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	19	2.91
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	8	2.91
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	8	2.91
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	8	2.91
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	20	2.91
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	20	2.91
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	20	2.91
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	11	2.91
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	11	2.91
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	11	2.91
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	13	2.91
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	13	2.91
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	13	2.91
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	16	2.91
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	16	2.91
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	16	2.91
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	4	2.9
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	4	2.9
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	4	2.9
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	4	2.9
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	4	2.9
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	4	2.9
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	15	2.9
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	15	2.9
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	15	2.9
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	15	2.9
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	15	2.9
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	15	2.9
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	17	2.9
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	17	2.9
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	17	2.9
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	17	2.9
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	17	2.9
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	17	2.9
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	4	2.9
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	4	2.9
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	4	2.9
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	4	2.9
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	4	2.9
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	4	2.9
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	15	2.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	15	2.9
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	15	2.9
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	15	2.9
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	15	2.9
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	15	2.9
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	6	2.9
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	6	2.9
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	14	2.9
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	14	2.9
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	14	2.9
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	2	2.9
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	2	2.9
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	2	2.9
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	2	2.9
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	2	2.9
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	2	2.9
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	2	2.9
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	2	2.9
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	2	2.9
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	17	2.9
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	17	2.9
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	17	2.9
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	17	2.9
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	17	2.9
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	17	2.9
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	17	2.9
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	17	2.9
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	17	2.9
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	9	2.9
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	9	2.9
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	9	2.9
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	9	2.9
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	9	2.9
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	9	2.9
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	9	2.9
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	9	2.9
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	9	2.9
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	18	2.9
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	18	2.9
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	18	2.9
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	18	2.9
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	18	2.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	18	2.9
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	18	2.9
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	18	2.9
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	18	2.9
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	19	2.9
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	19	2.9
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	19	2.9
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	10	2.9
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	10	2.9
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	10	2.9
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	20	2.9
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	9	2.9
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	9	2.9
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	9	2.9
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	6	2.9
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	6	2.9
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	6	2.9
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	5	2.9
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	5	2.9
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	5	2.9
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	1	2.9
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	1	2.9
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	1	2.9
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	1	2.9
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	1	2.9
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	1	2.9
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	8	2.9
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	8	2.9
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	8	2.9
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	8	2.9
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	8	2.9
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	8	2.9
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	8	2.9
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	8	2.9
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	8	2.9
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	17	2.9
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	17	2.9
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	17	2.9
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	17	2.9
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	17	2.9
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	17	2.9
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	17	2.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	17	2.9
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	17	2.9
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	18	2.9
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	18	2.9
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	18	2.9
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	18	2.9
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	18	2.9
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	18	2.9
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	18	2.9
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	18	2.9
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	18	2.9
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	3	2.9
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	3	2.9
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	8	2.9
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	8	2.9
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	7	2.9
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	7	2.9
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	7	2.9
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	7	2.9
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	7	2.9
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	7	2.9
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	12	2.9
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	12	2.9
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	12	2.9
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	13	2.9
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	11	2.89
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	11	2.89
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	11	2.89
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	11	2.89
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	11	2.89
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	11	2.89
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	17	2.89
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	17	2.89
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	17	2.89
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	17	2.89
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	7	2.89
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	7	2.89
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	1	2.89
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	1	2.89
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	1	2.89
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	1	2.89
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	1	2.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	1	2.89
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	14	2.89
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	14	2.89
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	14	2.89
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	14	2.89
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	14	2.89
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	14	2.89
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	19	2.89
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	19	2.89
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	19	2.89
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	19	2.89
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	19	2.89
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	19	2.89
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	16	2.89
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	16	2.89
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	8	2.89
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	8	2.89
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	8	2.89
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	7	2.89
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	7	2.89
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	7	2.89
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	3	2.89
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	3	2.89
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	3	2.89
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	3	2.89
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	3	2.89
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	3	2.89
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	3	2.89
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	3	2.89
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	3	2.89
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	16	2.89
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	16	2.89
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	16	2.89
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	16	2.89
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	16	2.89
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	16	2.89
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	16	2.89
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	16	2.89
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	16	2.89
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	6	2.89
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	6	2.89
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	6	2.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	6	2.89
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	6	2.89
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	6	2.89
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	6	2.89
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	6	2.89
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	6	2.89
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	14	2.89
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	14	2.89
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	14	2.89
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	14	2.89
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	14	2.89
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	14	2.89
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	14	2.89
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	14	2.89
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	14	2.89
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	6	2.89
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	6	2.89
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	6	2.89
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	12	2.89
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	12	2.89
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	12	2.89
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	15	2.89
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	15	2.89
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	15	2.89
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	15	2.89
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	15	2.89
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	15	2.89
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	9	2.89
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	9	2.89
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	9	2.89
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	10	2.89
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	10	2.89
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	10	2.89
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	11	2.89
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	11	2.89
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	14	2.89
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	14	2.89
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	14	2.89
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	14	2.89
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	14	2.89
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	14	2.89
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	8	2.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	8	2.89
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	8	2.89
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	12	2.89
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	12	2.89
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	12	2.89
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	12	2.89
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	12	2.89
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	12	2.89
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	12	2.89
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	12	2.89
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	12	2.89
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	10	2.89
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	10	2.89
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	10	2.89
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	18	2.89
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	18	2.89
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	18	2.89
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	7	2.89
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	7	2.89
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	7	2.89
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	7	2.89
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	7	2.89
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	7	2.89
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	7	2.89
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	7	2.89
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	7	2.89
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	14	2.89
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	14	2.89
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	14	2.89
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	14	2.89
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	14	2.89
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	14	2.89
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	14	2.89
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	14	2.89
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	14	2.89
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	11	2.89
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	11	2.89
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	11	2.89
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	11	2.89
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	11	2.89
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	11	2.89
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	13	2.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	13	2.89
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	7	2.89
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	7	2.89
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	7	2.89
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	7	2.89
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	7	2.89
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	7	2.89
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	7	2.89
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	7	2.89
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	7	2.89
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	1	2.88
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	1	2.88
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	1	2.88
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	1	2.88
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	1	2.88
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	1	2.88
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	10	2.88
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	10	2.88
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	10	2.88
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	5	2.88
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	5	2.88
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	5	2.88
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	4	2.88
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	4	2.88
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	4	2.88
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	16	2.88
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	16	2.88
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	16	2.88
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	16	2.88
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	16	2.88
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	16	2.88
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	16	2.88
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	16	2.88
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	16	2.88
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	9	2.88
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	9	2.88
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	9	2.88
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	18	2.88
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	18	2.88
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	18	2.88
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	18	2.88
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	18	2.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	18	2.88
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	18	2.88
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	18	2.88
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	18	2.88
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	3	2.88
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	3	2.88
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	3	2.88
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	3	2.88
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	3	2.88
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	3	2.88
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	3	2.88
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	3	2.88
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	3	2.88
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	15	2.88
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	15	2.88
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	15	2.88
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	15	2.88
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	15	2.88
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	15	2.88
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	15	2.88
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	15	2.88
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	15	2.88
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	14	2.88
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	3	2.88
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	3	2.88
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	3	2.88
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	12	2.88
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	12	2.88
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	12	2.88
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	15	2.88
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	15	2.88
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	15	2.88
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	5	2.88
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	5	2.88
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	9	2.88
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	9	2.88
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	9	2.88
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	12	2.88
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	12	2.88
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	12	2.88
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	17	2.88
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	17	2.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	17	2.88
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	17	2.88
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	17	2.88
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	17	2.88
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	17	2.88
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	17	2.88
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	17	2.88
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	20	2.88
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	20	2.88
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	20	2.88
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	20	2.88
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	20	2.88
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	20	2.88
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	20	2.88
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	20	2.88
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	20	2.88
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	14	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	6	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	6	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	6	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	6	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	6	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	6	2.88
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	6	2.88
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	6	2.88
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	6	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	10	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	10	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	10	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	10	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	10	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	10	2.88
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	10	2.88
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	10	2.88
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	10	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	15	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	15	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	15	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	15	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	15	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	15	2.88
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	15	2.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	15	2.88
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	15	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	20	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	20	2.88
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	20	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	20	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	20	2.88
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	20	2.88
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	20	2.88
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	20	2.88
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	20	2.88
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	9	2.88
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	9	2.88
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	9	2.88
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	9	2.88
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	9	2.88
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	9	2.88
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	9	2.88
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	9	2.88
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	9	2.88
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	17	2.87
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	17	2.87
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	17	2.87
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	17	2.87
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	17	2.87
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	17	2.87
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	11	2.87
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	11	2.87
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	11	2.87
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	11	2.87
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	11	2.87
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	11	2.87
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	3	2.87
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	3	2.87
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	3	2.87
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	3	2.87
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	3	2.87
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	3	2.87
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	19	2.87
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	19	2.87
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	19	2.87
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	19	2.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	19	2.87
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	19	2.87
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	10	2.87
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	10	2.87
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	13	2.87
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	13	2.87
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	13	2.87
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	13	2.87
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	13	2.87
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	13	2.87
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	8	2.87
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	8	2.87
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	8	2.87
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	8	2.87
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	8	2.87
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	8	2.87
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	20	2.87
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	20	2.87
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	20	2.87
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	20	2.87
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	20	2.87
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	20	2.87
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	15	2.87
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	15	2.87
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	4	2.87
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	4	2.87
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	10	2.87
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	10	2.87
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	19	2.87
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	19	2.87
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	19	2.87
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	4	2.87
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	4	2.87
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	4	2.87
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	4	2.87
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	4	2.87
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	4	2.87
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	4	2.87
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	4	2.87
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	4	2.87
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	7	2.87
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	7	2.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	7	2.87
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	7	2.87
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	7	2.87
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	7	2.87
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	7	2.87
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	7	2.87
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	7	2.87
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	19	2.87
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	19	2.87
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	19	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	4	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	4	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	4	2.87
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	4	2.87
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	4	2.87
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	4	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	4	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	4	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	4	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	5	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	5	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	5	2.87
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	5	2.87
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	5	2.87
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	5	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	5	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	5	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	5	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	8	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	8	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	8	2.87
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	8	2.87
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	8	2.87
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	8	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	8	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	8	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	8	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	19	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	19	2.87
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	19	2.87
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	19	2.87
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	19	2.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	19	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	19	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	19	2.87
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	19	2.87
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	5	2.87
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	5	2.87
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	5	2.87
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	3	2.87
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	3	2.87
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	3	2.87
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	5	2.87
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	5	2.87
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	5	2.87
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	3	2.87
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	3	2.87
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	2	2.87
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	2	2.87
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	2	2.87
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	2	2.87
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	2	2.87
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	2	2.87
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	2	2.87
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	2	2.87
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	2	2.87
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	3	2.87
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	3	2.87
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	3	2.87
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	6	2.87
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	6	2.87
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	6	2.87
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	6	2.87
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	6	2.87
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	9	2.87
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	9	2.87
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	16	2.87
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	16	2.87
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	16	2.87
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	16	2.87
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	16	2.87
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	16	2.87
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	12	2.87
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	12	2.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	12	2.87
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	15	2.87
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	15	2.87
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	15	2.87
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	18	2.87
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	18	2.87
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	18	2.87
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	4	2.87
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	4	2.87
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	18	2.87
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	18	2.87
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	18	2.87
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	19	2.86
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	19	2.86
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	1	2.86
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	1	2.86
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	1	2.86
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	1	2.86
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	1	2.86
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	1	2.86
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	15	2.86
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	15	2.86
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	15	2.86
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	15	2.86
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	15	2.86
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	15	2.86
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	16	2.86
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	16	2.86
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	16	2.86
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	16	2.86
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	16	2.86
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	16	2.86
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	17	2.86
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	17	2.86
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	17	2.86
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	17	2.86
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	17	2.86
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	17	2.86
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	4	2.86
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	4	2.86
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	4	2.86
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	4	2.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	4	2.86
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	4	2.86
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	4	2.86
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	4	2.86
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	4	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	4	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	4	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	4	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	4	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	4	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	4	2.86
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	14	2.86
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	14	2.86
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	14	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	14	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	14	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	14	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	14	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	14	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	14	2.86
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	19	2.86
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	19	2.86
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	19	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	19	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	19	2.86
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	19	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	19	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	19	2.86
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	19	2.86
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	2	2.86
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	2	2.86
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	2	2.86
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	2	2.86
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	2	2.86
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	2	2.86
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	2	2.86
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	2	2.86
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	2	2.86
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	10	2.86
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	10	2.86
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	10	2.86
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	10	2.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	10	2.86
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	10	2.86
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	11	2.86
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	11	2.86
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	11	2.86
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	16	2.86
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	16	2.86
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	16	2.86
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	16	2.86
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	16	2.86
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	10	2.86
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	10	2.86
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	10	2.86
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	10	2.86
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	10	2.86
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	10	2.86
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	10	2.86
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	10	2.86
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	10	2.86
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	1	2.86
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	1	2.86
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	1	2.86
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	1	2.86
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	1	2.86
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	1	2.86
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	3	2.86
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	3	2.86
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	3	2.86
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	14	2.86
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	14	2.86
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	14	2.86
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	3	2.86
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	3	2.86
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	3	2.86
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	3	2.86
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	3	2.86
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	3	2.86
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	5	2.86
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	5	2.86
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	5	2.86
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	5	2.86
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	5	2.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	5	2.86
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	5	2.86
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	5	2.86
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	5	2.86
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD11	5	2.86
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD12	5	2.86
(1,481)	1:873:A:LEU:HD22	1:900:A:LEU:HD13	5	2.86
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD11	5	2.86
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD12	5	2.86
(1,481)	1:873:A:LEU:HD23	1:900:A:LEU:HD13	5	2.86
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD11	5	2.86
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD12	5	2.86
(1,481)	1:873:A:LEU:HD21	1:900:A:LEU:HD13	5	2.86
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	1	2.86
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	1	2.86
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	1	2.86
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	9	2.86
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	9	2.86
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	9	2.86
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	5	2.86
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	5	2.86
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	5	2.86
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	7	2.86
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	7	2.86
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	7	2.86
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	2	2.86
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	2	2.86
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	2	2.86
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	3	2.86
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	3	2.86
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	3	2.86
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	7	2.86
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	7	2.86
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	7	2.86
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	7	2.86
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	7	2.86
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	7	2.86
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	10	2.86
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	10	2.86
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	10	2.86
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	8	2.86
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	3	2.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	3	2.86
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	3	2.86
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	3	2.86
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	3	2.86
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	3	2.86
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	3	2.86
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	3	2.86
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	3	2.86
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	1	2.86
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	1	2.86
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	1	2.86
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	1	2.86
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	1	2.86
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	1	2.86
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	1	2.86
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	1	2.86
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	1	2.86
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	9	2.85
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	9	2.85
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	18	2.85
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	18	2.85
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	18	2.85
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	18	2.85
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	18	2.85
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	18	2.85
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	20	2.85
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	20	2.85
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	20	2.85
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	20	2.85
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	12	2.85
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	12	2.85
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	12	2.85
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	12	2.85
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	12	2.85
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	12	2.85
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	17	2.85
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	17	2.85
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	17	2.85
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	17	2.85
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	17	2.85
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	17	2.85
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	9	2.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	9	2.85
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	9	2.85
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	12	2.85
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	12	2.85
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	12	2.85
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	5	2.85
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	5	2.85
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	5	2.85
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	17	2.85
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	17	2.85
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	17	2.85
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	17	2.85
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	17	2.85
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	17	2.85
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	17	2.85
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	17	2.85
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	17	2.85
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	14	2.85
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	14	2.85
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	14	2.85
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	13	2.85
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	13	2.85
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	13	2.85
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	13	2.85
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	13	2.85
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	13	2.85
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	13	2.85
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	13	2.85
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	13	2.85
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	15	2.85
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	15	2.85
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	15	2.85
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	15	2.85
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	15	2.85
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	15	2.85
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	15	2.85
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	15	2.85
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	15	2.85
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	20	2.85
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	20	2.85
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	20	2.85
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	20	2.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	20	2.85
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	20	2.85
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	20	2.85
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	20	2.85
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	20	2.85
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	12	2.85
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	12	2.85
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	12	2.85
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	12	2.85
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	12	2.85
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	12	2.85
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	12	2.85
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	12	2.85
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	12	2.85
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	12	2.85
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	12	2.85
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	12	2.85
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	19	2.85
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	19	2.85
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	19	2.85
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	19	2.85
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	19	2.85
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	19	2.85
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	7	2.85
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	7	2.85
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	7	2.85
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	15	2.85
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	15	2.85
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	15	2.85
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	15	2.85
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	15	2.85
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	15	2.85
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	6	2.85
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	6	2.85
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	6	2.85
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	16	2.85
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	14	2.85
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	14	2.85
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	14	2.85
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	16	2.85
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	16	2.85
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	16	2.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	15	2.85
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	15	2.85
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	18	2.85
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	18	2.85
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	18	2.85
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	18	2.85
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	18	2.85
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	18	2.85
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	18	2.85
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	18	2.85
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	18	2.85
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	2	2.85
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	15	2.85
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	15	2.85
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	15	2.85
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	15	2.85
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	15	2.85
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	15	2.85
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	15	2.85
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	15	2.85
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	15	2.85
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	20	2.85
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	20	2.85
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	20	2.85
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	20	2.85
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	20	2.85
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	20	2.85
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	20	2.85
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	20	2.85
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	20	2.85
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	7	2.85
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	7	2.85
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	7	2.85
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	12	2.85
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	12	2.85
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	12	2.85
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	3	2.85
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	3	2.85
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	3	2.85
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	4	2.85
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	4	2.85
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	4	2.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	8	2.85
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	8	2.85
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	8	2.85
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	2	2.85
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	2	2.85
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	2	2.85
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	2	2.85
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	2	2.85
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	2	2.85
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	2	2.85
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	2	2.85
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	2	2.85
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	13	2.85
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	13	2.85
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	13	2.85
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	13	2.85
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	13	2.85
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	13	2.85
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	13	2.85
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	13	2.85
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	13	2.85
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	10	2.85
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	10	2.85
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	6	2.85
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	6	2.85
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	6	2.85
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	6	2.85
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	6	2.85
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	6	2.85
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	6	2.85
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	6	2.85
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	6	2.85
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	13	2.84
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	13	2.84
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	13	2.84
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	13	2.84
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	13	2.84
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	13	2.84
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	11	2.84
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	11	2.84
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	11	2.84
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	11	2.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	8	2.84
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	8	2.84
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	16	2.84
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	16	2.84
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	17	2.84
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	17	2.84
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	13	2.84
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	13	2.84
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	13	2.84
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	13	2.84
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	13	2.84
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	13	2.84
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	2	2.84
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	2	2.84
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	15	2.84
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	15	2.84
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	15	2.84
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	15	2.84
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	15	2.84
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	15	2.84
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	15	2.84
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	15	2.84
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	15	2.84
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	10	2.84
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	10	2.84
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	10	2.84
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	9	2.84
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	9	2.84
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	9	2.84
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	15	2.84
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	15	2.84
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	15	2.84
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	9	2.84
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	9	2.84
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	9	2.84
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	9	2.84
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	9	2.84
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	9	2.84
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	12	2.84
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	12	2.84
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	12	2.84
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	12	2.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	12	2.84
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	12	2.84
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	14	2.84
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	14	2.84
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	14	2.84
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	14	2.84
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	14	2.84
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	14	2.84
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	6	2.84
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	6	2.84
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	6	2.84
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	6	2.84
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	6	2.84
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	6	2.84
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	14	2.84
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	14	2.84
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	14	2.84
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	15	2.84
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	11	2.84
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	11	2.84
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	11	2.84
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	5	2.84
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	5	2.84
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	5	2.84
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	11	2.84
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	11	2.84
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	11	2.84
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	1	2.84
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	1	2.84
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	9	2.84
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	9	2.84
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	17	2.84
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	17	2.84
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	20	2.84
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	20	2.84
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	12	2.84
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	14	2.84
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	18	2.84
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	8	2.84
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	8	2.84
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	8	2.84
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	4	2.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	4	2.84
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	4	2.84
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	4	2.84
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	4	2.84
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	4	2.84
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	15	2.84
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	15	2.84
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	15	2.84
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	15	2.84
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	15	2.84
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	15	2.84
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	2	2.84
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	2	2.84
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	2	2.84
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	2	2.84
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	2	2.84
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	2	2.84
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	13	2.84
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	13	2.84
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	13	2.84
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	1	2.84
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	14	2.84
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	14	2.84
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	14	2.84
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	3	2.84
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	3	2.84
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	3	2.84
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	18	2.84
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	18	2.84
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	18	2.84
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	18	2.84
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	18	2.84
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	18	2.84
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	5	2.84
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	5	2.84
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	5	2.84
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	18	2.84
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	18	2.84
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	18	2.84
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	19	2.84
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	19	2.84
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	19	2.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	19	2.84
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	19	2.84
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	19	2.84
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	19	2.84
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	19	2.84
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	19	2.84
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	14	2.83
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	14	2.83
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	14	2.83
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	14	2.83
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	14	2.83
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	14	2.83
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	9	2.83
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	9	2.83
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	5	2.83
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	5	2.83
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	5	2.83
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	5	2.83
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	5	2.83
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	5	2.83
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	18	2.83
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	18	2.83
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	18	2.83
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	18	2.83
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	18	2.83
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	18	2.83
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD11	5	2.83
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD12	5	2.83
(1,3080)	1:813:A:ILE:HG12	1:828:A:LEU:HD13	5	2.83
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD11	5	2.83
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD12	5	2.83
(1,3080)	1:813:A:ILE:HG13	1:828:A:LEU:HD13	5	2.83
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	9	2.83
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	9	2.83
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	20	2.83
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	20	2.83
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	17	2.83
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	17	2.83
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	17	2.83
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	17	2.83
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	17	2.83
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	17	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	8	2.83
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	8	2.83
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	8	2.83
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	19	2.83
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	19	2.83
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	19	2.83
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	19	2.83
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	19	2.83
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	19	2.83
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	19	2.83
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	19	2.83
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	19	2.83
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	8	2.83
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	8	2.83
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	8	2.83
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	8	2.83
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	8	2.83
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	8	2.83
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	8	2.83
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	8	2.83
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	8	2.83
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	10	2.83
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	10	2.83
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	10	2.83
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	10	2.83
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	10	2.83
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	10	2.83
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	10	2.83
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	10	2.83
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	10	2.83
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	11	2.83
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	11	2.83
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	11	2.83
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	11	2.83
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	11	2.83
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	11	2.83
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	11	2.83
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	11	2.83
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	11	2.83
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	13	2.83
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	13	2.83
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	13	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	13	2.83
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	13	2.83
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	13	2.83
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	13	2.83
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	13	2.83
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	13	2.83
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	6	2.83
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	6	2.83
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	6	2.83
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	15	2.83
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	15	2.83
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	15	2.83
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	12	2.83
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	12	2.83
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	12	2.83
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	14	2.83
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	14	2.83
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	8	2.83
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	8	2.83
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	8	2.83
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	17	2.83
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	17	2.83
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	17	2.83
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	9	2.83
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	4	2.83
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	4	2.83
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	4	2.83
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	4	2.83
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	4	2.83
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	4	2.83
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	4	2.83
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	4	2.83
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	4	2.83
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	4	2.83
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	4	2.83
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	4	2.83
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	18	2.83
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	18	2.83
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	18	2.83
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	2	2.83
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	2	2.83
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	2	2.83
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	2	2.83
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	2	2.83
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	2	2.83
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	2	2.83
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	2	2.83
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	12	2.83
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	12	2.83
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	12	2.83
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	13	2.83
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	13	2.83
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	11	2.83
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	11	2.83
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	11	2.83
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	11	2.83
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	11	2.83
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	11	2.83
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	11	2.83
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	11	2.83
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	11	2.83
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	18	2.83
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	18	2.83
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	18	2.83
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	18	2.83
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	18	2.83
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	18	2.83
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	18	2.83
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	18	2.83
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	18	2.83
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	5	2.83
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	5	2.83
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	5	2.83
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	5	2.83
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	5	2.83
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	5	2.83
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	20	2.83
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	20	2.83
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	20	2.83
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD11	19	2.83
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD12	19	2.83
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD13	19	2.83
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD11	19	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD12	19	2.83
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD13	19	2.83
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD11	19	2.83
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD12	19	2.83
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD13	19	2.83
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD21	19	2.83
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD22	19	2.83
(1,200)	1:830:A:ALA:HB1	1:861:A:LEU:HD23	19	2.83
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD21	19	2.83
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD22	19	2.83
(1,200)	1:830:A:ALA:HB2	1:861:A:LEU:HD23	19	2.83
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD21	19	2.83
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD22	19	2.83
(1,200)	1:830:A:ALA:HB3	1:861:A:LEU:HD23	19	2.83
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	4	2.83
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	4	2.83
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	4	2.83
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	11	2.83
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	11	2.83
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	11	2.83
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	2	2.83
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	2	2.83
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	2	2.83
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	2	2.83
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	2	2.83
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	2	2.83
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	2	2.83
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	2	2.83
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	2	2.83
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	15	2.83
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	15	2.83
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	15	2.83
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	15	2.83
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	15	2.83
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	15	2.83
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	15	2.83
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	15	2.83
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	15	2.83
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	18	2.83
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	18	2.83
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	18	2.83
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	18	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	18	2.83
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	18	2.83
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	18	2.83
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	18	2.83
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	18	2.83
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	8	2.83
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	8	2.83
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	8	2.83
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB2	17	2.82
(1,3385)	1:921:A:LYS:HE2	1:926:A:LEU:HB3	17	2.82
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB2	17	2.82
(1,3385)	1:921:A:LYS:HE3	1:926:A:LEU:HB3	17	2.82
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	8	2.82
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	8	2.82
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	8	2.82
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	8	2.82
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	8	2.82
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	8	2.82
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	5	2.82
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	5	2.82
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	5	2.82
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	5	2.82
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	5	2.82
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	5	2.82
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	10	2.82
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	10	2.82
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	4	2.82
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	4	2.82
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	4	2.82
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	4	2.82
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	4	2.82
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	4	2.82
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	11	2.82
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	11	2.82
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	11	2.82
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	11	2.82
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	11	2.82
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	11	2.82
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	5	2.82
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	5	2.82
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	5	2.82
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	5	2.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	5	2.82
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	5	2.82
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	19	2.82
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	19	2.82
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	4	2.82
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	4	2.82
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	4	2.82
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	13	2.82
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	13	2.82
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	13	2.82
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	11	2.82
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	11	2.82
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	11	2.82
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD21	16	2.82
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD22	16	2.82
(1,2860)	1:858:A:LYS:HE2	1:896:A:LEU:HD23	16	2.82
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD21	16	2.82
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD22	16	2.82
(1,2860)	1:858:A:LYS:HE3	1:896:A:LEU:HD23	16	2.82
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	12	2.82
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	12	2.82
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	12	2.82
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	5	2.82
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	5	2.82
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	5	2.82
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	5	2.82
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	5	2.82
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	5	2.82
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	5	2.82
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	5	2.82
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	5	2.82
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	10	2.82
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	10	2.82
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	10	2.82
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	13	2.82
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	13	2.82
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	13	2.82
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	19	2.82
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	19	2.82
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	19	2.82
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	1	2.82
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	1	2.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	1	2.82
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	1	2.82
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	1	2.82
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	1	2.82
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	7	2.82
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	7	2.82
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	7	2.82
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	18	2.82
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	5	2.82
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	5	2.82
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	5	2.82
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	13	2.82
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	13	2.82
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	13	2.82
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	1	2.82
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	13	2.82
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	13	2.82
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	4	2.82
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	4	2.82
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	4	2.82
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	4	2.82
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	4	2.82
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	4	2.82
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	4	2.82
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	4	2.82
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	4	2.82
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	15	2.82
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	15	2.82
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	15	2.82
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	15	2.82
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	15	2.82
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	15	2.82
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	15	2.82
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	15	2.82
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	15	2.82
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	3	2.82
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	3	2.82
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	3	2.82
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	3	2.82
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	3	2.82
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	3	2.82
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	3	2.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	3	2.82
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	3	2.82
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	3	2.82
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	3	2.82
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	10	2.82
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	10	2.82
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	10	2.82
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	19	2.82
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	19	2.82
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	19	2.82
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	19	2.82
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	19	2.82
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	19	2.82
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	4	2.82
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	4	2.82
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	4	2.82
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	10	2.82
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	10	2.82
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	10	2.82
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	10	2.82
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	10	2.82
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	10	2.82
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	10	2.82
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	10	2.82
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	10	2.82
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	20	2.82
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	20	2.82
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	20	2.82
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	8	2.82
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	1	2.82
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	1	2.82
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	1	2.82
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	6	2.82
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	6	2.82
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	6	2.82
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	8	2.82
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	8	2.82
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	8	2.82
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	8	2.82
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	8	2.82
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	8	2.82
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	8	2.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	8	2.82
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	8	2.82
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	17	2.82
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	17	2.82
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	17	2.82
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	17	2.82
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	17	2.82
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	17	2.82
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	17	2.82
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	17	2.82
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	17	2.82
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	10	2.81
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	10	2.81
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	10	2.81
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	10	2.81
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	10	2.81
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	10	2.81
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	11	2.81
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	11	2.81
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	11	2.81
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	11	2.81
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	11	2.81
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	11	2.81
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	16	2.81
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	16	2.81
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	18	2.81
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	18	2.81
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	5	2.81
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	5	2.81
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	16	2.81
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	16	2.81
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	16	2.81
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	11	2.81
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	11	2.81
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	11	2.81
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	7	2.81
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	7	2.81
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	7	2.81
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	7	2.81
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	7	2.81
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	7	2.81
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	7	2.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	7	2.81
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	7	2.81
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD23	20	2.81
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD21	20	2.81
(1,2806)	1:873:A:LEU:HD11	1:900:A:LEU:HD22	20	2.81
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD23	20	2.81
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD21	20	2.81
(1,2806)	1:873:A:LEU:HD12	1:900:A:LEU:HD22	20	2.81
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD23	20	2.81
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD21	20	2.81
(1,2806)	1:873:A:LEU:HD13	1:900:A:LEU:HD22	20	2.81
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	14	2.81
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	14	2.81
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	14	2.81
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	14	2.81
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	14	2.81
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	14	2.81
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	2	2.81
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	2	2.81
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	2	2.81
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	5	2.81
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	5	2.81
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	5	2.81
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	4	2.81
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	11	2.81
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	2	2.81
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	2	2.81
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	2	2.81
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	18	2.81
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	18	2.81
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	18	2.81
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	18	2.81
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	18	2.81
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	18	2.81
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	18	2.81
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	18	2.81
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	18	2.81
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	11	2.81
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	11	2.81
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	11	2.81
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	11	2.81
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	11	2.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	11	2.81
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	2	2.81
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	2	2.81
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	7	2.81
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	7	2.81
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	7	2.81
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	20	2.81
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	20	2.81
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	20	2.81
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	19	2.81
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	19	2.81
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	19	2.81
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	19	2.81
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	19	2.81
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	19	2.81
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	19	2.81
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	19	2.81
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	19	2.81
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	6	2.81
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	15	2.81
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	15	2.81
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	15	2.81
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	3	2.81
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	3	2.81
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	3	2.81
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	19	2.81
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	19	2.81
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	19	2.81
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	5	2.81
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	5	2.81
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	5	2.81
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	5	2.81
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	5	2.81
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	5	2.81
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	12	2.81
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	12	2.81
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	12	2.81
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	12	2.81
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	12	2.81
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	12	2.81
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	12	2.81
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	12	2.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	12	2.81
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	18	2.81
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	18	2.81
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	18	2.81
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	18	2.81
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	18	2.81
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	18	2.81
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	18	2.81
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	18	2.81
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	18	2.81
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	3	2.81
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	3	2.81
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	3	2.81
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	3	2.81
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	3	2.81
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	3	2.81
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	3	2.81
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	3	2.81
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	3	2.81
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	9	2.81
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	9	2.81
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	9	2.81
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	9	2.81
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	9	2.81
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	9	2.81
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	9	2.81
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	9	2.81
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	9	2.81
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	11	2.81
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	11	2.81
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	11	2.81
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	11	2.81
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	11	2.81
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	11	2.81
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	11	2.81
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	11	2.81
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	11	2.81
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	18	2.8
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	18	2.8
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	18	2.8
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	18	2.8
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	4	2.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	4	2.8
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	9	2.8
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	9	2.8
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	9	2.8
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	9	2.8
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	9	2.8
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	9	2.8
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	11	2.8
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	11	2.8
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	11	2.8
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	11	2.8
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	11	2.8
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	11	2.8
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	14	2.8
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	14	2.8
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	11	2.8
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	11	2.8
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	9	2.8
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	9	2.8
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	9	2.8
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	17	2.8
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	17	2.8
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	17	2.8
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	9	2.8
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	9	2.8
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	9	2.8
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	9	2.8
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	9	2.8
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	9	2.8
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	9	2.8
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	9	2.8
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	9	2.8
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	20	2.8
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	20	2.8
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	20	2.8
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	13	2.8
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	13	2.8
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	13	2.8
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	13	2.8
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	13	2.8
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	13	2.8
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	14	2.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	14	2.8
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	14	2.8
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	8	2.8
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	8	2.8
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	8	2.8
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	3	2.8
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	15	2.8
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	15	2.8
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	15	2.8
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	3	2.8
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	10	2.8
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	10	2.8
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	10	2.8
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	1	2.8
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	1	2.8
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	9	2.8
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	9	2.8
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	9	2.8
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	9	2.8
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	9	2.8
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	9	2.8
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	9	2.8
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	9	2.8
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	9	2.8
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	10	2.8
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	10	2.8
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	10	2.8
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	2	2.8
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	2	2.8
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	2	2.8
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	2	2.8
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	2	2.8
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	2	2.8
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	1	2.8
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	1	2.8
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	1	2.8
(1,648)	1:854:A:ILE:HD11	1:897:A:ILE:HA	6	2.8
(1,648)	1:854:A:ILE:HD12	1:897:A:ILE:HA	6	2.8
(1,648)	1:854:A:ILE:HD13	1:897:A:ILE:HA	6	2.8
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	10	2.8
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	10	2.8
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	10	2.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	13	2.8
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	13	2.8
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	13	2.8
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	13	2.8
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	13	2.8
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	13	2.8
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	13	2.8
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	13	2.8
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	13	2.8
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	1	2.8
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	1	2.8
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	1	2.8
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	1	2.8
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	1	2.8
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	1	2.8
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	11	2.8
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	11	2.8
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	11	2.8
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	11	2.8
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	11	2.8
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	11	2.8
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	11	2.8
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	11	2.8
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	11	2.8
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	13	2.8
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	13	2.8
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	13	2.8
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	1	2.8
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	1	2.8
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	1	2.8
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	11	2.8
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	11	2.8
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	11	2.8
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	11	2.8
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	11	2.8
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	11	2.8
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	11	2.8
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	11	2.8
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	11	2.8
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	11	2.8
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	11	2.8
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	11	2.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	11	2.8
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	11	2.8
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	11	2.8
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	11	2.8
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	11	2.8
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	11	2.8
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	11	2.8
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	11	2.8
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	11	2.8
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	11	2.8
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	11	2.8
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	11	2.8
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	11	2.8
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	11	2.8
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	11	2.8
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	19	2.8
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	19	2.8
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	19	2.8
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	19	2.8
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	19	2.8
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	19	2.8
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	19	2.8
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	19	2.8
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	19	2.8
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	1	2.8
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	1	2.8
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	1	2.8
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	1	2.8
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	1	2.8
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	1	2.8
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	1	2.8
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	1	2.8
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	1	2.8
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	16	2.8
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	16	2.8
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	16	2.8
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	16	2.8
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	16	2.8
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	16	2.8
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	16	2.8
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	16	2.8
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	16	2.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	15	2.8
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	15	2.8
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	16	2.79
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	16	2.79
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	16	2.79
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	16	2.79
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	16	2.79
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	16	2.79
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	4	2.79
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	4	2.79
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	2	2.79
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	2	2.79
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	2	2.79
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	2	2.79
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	2	2.79
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	2	2.79
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	9	2.79
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	9	2.79
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	3	2.79
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	3	2.79
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	4	2.79
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	4	2.79
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	11	2.79
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	11	2.79
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	11	2.79
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	15	2.79
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	15	2.79
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	15	2.79
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	18	2.79
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	18	2.79
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	18	2.79
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	18	2.79
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	18	2.79
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	18	2.79
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	18	2.79
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	18	2.79
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	18	2.79
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	17	2.79
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	17	2.79
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	17	2.79
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	17	2.79
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	17	2.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	17	2.79
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	17	2.79
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	17	2.79
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	17	2.79
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD11	1	2.79
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD12	1	2.79
(1,2807)	1:873:A:LEU:HD11	1:904:A:LEU:HD13	1	2.79
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD11	1	2.79
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD12	1	2.79
(1,2807)	1:873:A:LEU:HD12	1:904:A:LEU:HD13	1	2.79
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD11	1	2.79
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD12	1	2.79
(1,2807)	1:873:A:LEU:HD13	1:904:A:LEU:HD13	1	2.79
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	9	2.79
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	9	2.79
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	9	2.79
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	10	2.79
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	10	2.79
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	10	2.79
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	10	2.79
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	14	2.79
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	14	2.79
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	14	2.79
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	3	2.79
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	3	2.79
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	3	2.79
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	3	2.79
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	3	2.79
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	3	2.79
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	13	2.79
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	13	2.79
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	13	2.79
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	1	2.79
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	1	2.79
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	1	2.79
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	8	2.79
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	8	2.79
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	8	2.79
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	7	2.79
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	16	2.79
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	16	2.79
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	15	2.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	16	2.79
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	8	2.79
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	8	2.79
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	8	2.79
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	14	2.79
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	14	2.79
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	14	2.79
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	14	2.79
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	14	2.79
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	14	2.79
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	14	2.79
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	14	2.79
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	14	2.79
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	9	2.79
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	9	2.79
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	9	2.79
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	16	2.79
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	16	2.79
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	16	2.79
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	16	2.79
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	16	2.79
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	16	2.79
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	10	2.79
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	10	2.79
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	10	2.79
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	7	2.79
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	7	2.79
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	5	2.79
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	5	2.79
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	5	2.79
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	5	2.79
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	5	2.79
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	5	2.79
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	5	2.79
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	5	2.79
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	5	2.79
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	16	2.79
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	19	2.79
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	19	2.79
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	19	2.79
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	15	2.79
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	15	2.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	15	2.79
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	7	2.79
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	7	2.79
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	7	2.79
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	4	2.79
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	4	2.79
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	4	2.79
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	4	2.79
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	4	2.79
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	4	2.79
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	4	2.79
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	4	2.79
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	4	2.79
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	16	2.79
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	16	2.79
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	16	2.79
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	16	2.79
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	16	2.79
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	16	2.79
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	16	2.79
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	16	2.79
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	16	2.79
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	12	2.79
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	12	2.79
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	12	2.79
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	12	2.79
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	12	2.79
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	12	2.79
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	12	2.79
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	12	2.79
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	12	2.79
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	14	2.79
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	14	2.79
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	14	2.79
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	14	2.79
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	14	2.79
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	14	2.79
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	14	2.79
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	14	2.79
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	14	2.79
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	1	2.79
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	1	2.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	1	2.79
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	2	2.78
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	2	2.78
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	2	2.78
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	2	2.78
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	2	2.78
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	2	2.78
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	10	2.78
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	10	2.78
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	10	2.78
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	10	2.78
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	12	2.78
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	12	2.78
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	12	2.78
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	12	2.78
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	3	2.78
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	3	2.78
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	3	2.78
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	3	2.78
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	20	2.78
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	20	2.78
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	20	2.78
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	20	2.78
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	20	2.78
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	20	2.78
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	1	2.78
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	1	2.78
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	7	2.78
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	7	2.78
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	4	2.78
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	4	2.78
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	19	2.78
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	19	2.78
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	19	2.78
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	4	2.78
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	4	2.78
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	4	2.78
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	15	2.78
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	15	2.78
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	15	2.78
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	2	2.78
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	2	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	2	2.78
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	2	2.78
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	2	2.78
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	2	2.78
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	1	2.78
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	1	2.78
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	1	2.78
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	1	2.78
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	1	2.78
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	1	2.78
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	13	2.78
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	13	2.78
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	13	2.78
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	13	2.78
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	13	2.78
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	13	2.78
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	15	2.78
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	15	2.78
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	15	2.78
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	15	2.78
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	15	2.78
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	15	2.78
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	11	2.78
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	11	2.78
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	11	2.78
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	18	2.78
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	2	2.78
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	2	2.78
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	2	2.78
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	13	2.78
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	13	2.78
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	13	2.78
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	10	2.78
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	10	2.78
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	10	2.78
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	10	2.78
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	8	2.78
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	8	2.78
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	8	2.78
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	8	2.78
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	8	2.78
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	8	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	8	2.78
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	8	2.78
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	8	2.78
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	19	2.78
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	19	2.78
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	19	2.78
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	19	2.78
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	19	2.78
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	19	2.78
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	19	2.78
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	19	2.78
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	19	2.78
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	6	2.78
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	6	2.78
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	6	2.78
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	2	2.78
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	2	2.78
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	2	2.78
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	3	2.78
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	3	2.78
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	3	2.78
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	19	2.78
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	19	2.78
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	19	2.78
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	3	2.78
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	3	2.78
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	3	2.78
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD21	8	2.78
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD22	8	2.78
(1,379)	1:862:A:ILE:HA	1:904:A:LEU:HD23	8	2.78
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	15	2.78
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	15	2.78
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	15	2.78
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	15	2.78
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	15	2.78
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	15	2.78
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	15	2.78
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	15	2.78
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	15	2.78
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	7	2.78
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	16	2.78
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	16	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	19	2.78
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	19	2.78
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	19	2.78
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	11	2.78
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	11	2.78
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	11	2.78
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	20	2.78
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	20	2.78
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	20	2.78
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	7	2.78
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	7	2.78
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	7	2.78
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	7	2.78
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	7	2.78
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	7	2.78
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	7	2.78
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	7	2.78
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	7	2.78
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	20	2.78
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	20	2.78
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	20	2.78
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	20	2.78
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	20	2.78
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	20	2.78
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	20	2.78
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	20	2.78
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	20	2.78
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	5	2.78
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	5	2.78
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	5	2.78
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	5	2.78
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	5	2.78
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	5	2.78
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	5	2.78
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	5	2.78
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	5	2.78
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	1	2.77
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	1	2.77
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	1	2.77
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	1	2.77
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	1	2.77
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	1	2.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	5	2.77
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	5	2.77
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	5	2.77
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	5	2.77
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	20	2.77
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	20	2.77
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	7	2.77
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	7	2.77
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	7	2.77
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	7	2.77
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	7	2.77
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	7	2.77
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	18	2.77
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	18	2.77
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	18	2.77
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	18	2.77
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	18	2.77
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	18	2.77
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	12	2.77
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	12	2.77
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	4	2.77
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	4	2.77
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	5	2.77
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	5	2.77
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	18	2.77
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	18	2.77
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	12	2.77
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	12	2.77
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	12	2.77
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	1	2.77
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	1	2.77
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	1	2.77
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	2	2.77
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	2	2.77
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	2	2.77
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	18	2.77
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	18	2.77
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	18	2.77
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	16	2.77
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	16	2.77
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	16	2.77
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	6	2.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	6	2.77
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	6	2.77
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	8	2.77
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	8	2.77
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	8	2.77
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	10	2.77
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	10	2.77
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	10	2.77
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	12	2.77
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	12	2.77
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	12	2.77
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	3	2.77
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	3	2.77
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	3	2.77
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	3	2.77
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	3	2.77
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	3	2.77
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	3	2.77
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	3	2.77
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	3	2.77
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	3	2.77
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	3	2.77
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	3	2.77
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	3	2.77
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	3	2.77
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	3	2.77
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	3	2.77
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	3	2.77
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	3	2.77
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	6	2.77
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	6	2.77
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	6	2.77
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	6	2.77
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	6	2.77
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	6	2.77
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	6	2.77
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	6	2.77
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	6	2.77
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	16	2.77
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	16	2.77
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	16	2.77
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	2	2.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	2	2.77
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	2	2.77
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	20	2.77
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	20	2.77
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	20	2.77
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	4	2.77
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	4	2.77
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	4	2.77
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	17	2.77
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	17	2.77
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	17	2.77
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	17	2.77
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	17	2.77
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	17	2.77
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	2	2.77
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	2	2.77
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	4	2.77
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	4	2.77
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	13	2.77
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	13	2.77
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	13	2.77
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	15	2.77
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	15	2.77
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	15	2.77
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	20	2.77
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	20	2.77
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	9	2.77
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	9	2.77
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	9	2.77
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	9	2.77
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	9	2.77
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	9	2.77
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	9	2.77
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	9	2.77
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	9	2.77
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	3	2.77
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	3	2.77
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	3	2.77
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	3	2.77
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	3	2.77
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	3	2.77
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	3	2.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	4	2.77
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	17	2.77
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	17	2.77
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	17	2.77
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	17	2.77
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	17	2.77
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	17	2.77
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	17	2.77
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	17	2.77
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	17	2.77
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	11	2.77
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	11	2.77
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	11	2.77
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	11	2.77
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	11	2.77
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	11	2.77
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	15	2.77
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	15	2.77
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	15	2.77
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	18	2.77
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	18	2.77
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	18	2.77
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	17	2.77
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	18	2.77
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	18	2.77
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	18	2.77
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	18	2.77
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	18	2.77
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	18	2.77
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	18	2.77
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	18	2.77
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	18	2.77
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	7	2.77
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	7	2.77
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	17	2.77
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	17	2.77
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	17	2.77
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	17	2.77
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	17	2.77
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	17	2.77
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	17	2.77
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	17	2.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	17	2.77
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	19	2.76
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	19	2.76
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	19	2.76
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	19	2.76
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	5	2.76
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	5	2.76
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	2	2.76
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	2	2.76
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	2	2.76
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	2	2.76
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	2	2.76
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	2	2.76
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	5	2.76
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	5	2.76
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	6	2.76
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	6	2.76
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	6	2.76
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	6	2.76
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	10	2.76
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	10	2.76
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	3	2.76
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	3	2.76
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	3	2.76
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	9	2.76
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	9	2.76
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	13	2.76
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	13	2.76
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	15	2.76
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	15	2.76
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	15	2.76
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	3	2.76
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	3	2.76
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	3	2.76
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	3	2.76
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	3	2.76
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	3	2.76
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	20	2.76
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	20	2.76
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	20	2.76
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	5	2.76
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	5	2.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	5	2.76
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	15	2.76
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	15	2.76
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	15	2.76
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	17	2.76
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	17	2.76
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	17	2.76
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	12	2.76
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	12	2.76
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	12	2.76
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	5	2.76
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	5	2.76
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	5	2.76
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	11	2.76
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	11	2.76
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	11	2.76
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	11	2.76
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	17	2.76
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	17	2.76
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	17	2.76
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	17	2.76
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	9	2.76
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	9	2.76
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD21	12	2.76
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD22	12	2.76
(1,2385)	1:850:A:PHE:HE1	1:886:A:LEU:HD23	12	2.76
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD21	12	2.76
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD22	12	2.76
(1,2385)	1:850:A:PHE:HE2	1:886:A:LEU:HD23	12	2.76
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	18	2.76
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	18	2.76
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	18	2.76
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	5	2.76
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	5	2.76
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	5	2.76
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	20	2.76
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	20	2.76
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	20	2.76
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	20	2.76
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	20	2.76
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	11	2.76
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	11	2.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	7	2.76
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	7	2.76
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	7	2.76
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	3	2.76
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	3	2.76
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	3	2.76
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	3	2.76
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	3	2.76
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	3	2.76
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	3	2.76
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	3	2.76
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	3	2.76
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	6	2.76
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	6	2.76
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	6	2.76
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	6	2.76
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	6	2.76
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	6	2.76
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	6	2.76
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	6	2.76
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	6	2.76
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	6	2.76
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	6	2.76
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	6	2.76
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	17	2.76
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	17	2.76
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	17	2.76
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	17	2.76
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	17	2.76
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	17	2.76
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	1	2.76
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	1	2.76
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	12	2.76
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	12	2.76
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	14	2.76
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	14	2.76
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	14	2.76
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	1	2.76
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	1	2.76
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	1	2.76
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	4	2.76
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	4	2.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	4	2.76
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	4	2.76
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	4	2.76
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	4	2.76
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	4	2.76
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	4	2.76
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	4	2.76
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	7	2.76
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	7	2.76
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	7	2.76
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	17	2.76
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	18	2.76
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	9	2.76
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	9	2.76
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	9	2.76
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	16	2.76
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	16	2.76
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	16	2.76
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	17	2.76
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	17	2.76
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	13	2.76
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	13	2.76
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	13	2.76
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	13	2.76
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	13	2.76
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	13	2.76
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	13	2.76
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	13	2.76
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	13	2.76
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	7	2.76
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	7	2.76
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	7	2.76
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	7	2.76
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	7	2.76
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	7	2.76
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	7	2.76
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	7	2.76
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	7	2.76
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	10	2.76
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	10	2.76
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	10	2.76
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	10	2.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	10	2.76
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	10	2.76
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	10	2.76
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	10	2.76
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	10	2.76
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	17	2.76
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	17	2.76
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	17	2.76
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	17	2.76
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	17	2.76
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	17	2.76
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	17	2.76
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	17	2.76
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	17	2.76
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	1	2.75
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	1	2.75
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	1	2.75
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	1	2.75
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	1	2.75
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	1	2.75
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	14	2.75
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	14	2.75
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	14	2.75
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	14	2.75
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	14	2.75
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	14	2.75
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	9	2.75
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	9	2.75
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	1	2.75
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	1	2.75
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	1	2.75
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	1	2.75
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	1	2.75
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	1	2.75
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	13	2.75
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	13	2.75
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	13	2.75
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	13	2.75
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	13	2.75
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	13	2.75
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	13	2.75
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	13	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	5	2.75
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	5	2.75
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	5	2.75
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	5	2.75
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	6	2.75
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	6	2.75
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	15	2.75
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	15	2.75
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	12	2.75
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	12	2.75
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	12	2.75
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	12	2.75
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	12	2.75
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	12	2.75
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	7	2.75
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	7	2.75
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	7	2.75
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	1	2.75
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	1	2.75
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	1	2.75
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	10	2.75
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	10	2.75
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	10	2.75
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	20	2.75
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	20	2.75
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	20	2.75
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	14	2.75
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	14	2.75
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	14	2.75
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	10	2.75
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	10	2.75
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	10	2.75
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	20	2.75
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	20	2.75
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	20	2.75
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	16	2.75
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	16	2.75
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	16	2.75
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	16	2.75
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	16	2.75
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	16	2.75
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	16	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	7	2.75
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	20	2.75
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	20	2.75
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	20	2.75
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	18	2.75
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	6	2.75
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	6	2.75
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	19	2.75
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	19	2.75
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	14	2.75
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	14	2.75
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	14	2.75
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	14	2.75
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	14	2.75
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	14	2.75
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	14	2.75
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	14	2.75
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	14	2.75
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	8	2.75
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	8	2.75
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	8	2.75
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	8	2.75
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	8	2.75
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	8	2.75
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	19	2.75
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	19	2.75
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	19	2.75
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	10	2.75
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	10	2.75
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	10	2.75
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	10	2.75
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	10	2.75
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	10	2.75
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	12	2.75
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	12	2.75
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	12	2.75
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	12	2.75
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	12	2.75
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	12	2.75
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	4	2.75
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	4	2.75
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	6	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	6	2.75
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	13	2.75
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	13	2.75
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	13	2.75
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	5	2.75
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	5	2.75
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	5	2.75
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	4	2.75
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	4	2.75
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	4	2.75
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	6	2.75
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	6	2.75
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	6	2.75
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	5	2.75
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	5	2.75
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	5	2.75
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	16	2.75
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	16	2.75
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	16	2.75
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	16	2.75
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	16	2.75
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	16	2.75
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	16	2.75
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	16	2.75
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	16	2.75
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	16	2.75
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	16	2.75
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	16	2.75
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	16	2.75
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	16	2.75
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	16	2.75
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	16	2.75
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	16	2.75
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	16	2.75
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	9	2.75
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	20	2.75
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	20	2.75
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	20	2.75
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	9	2.75
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	9	2.75
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	9	2.75
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	9	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	9	2.75
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	9	2.75
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	9	2.75
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	9	2.75
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	9	2.75
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	14	2.75
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	14	2.75
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	14	2.75
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	14	2.75
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	14	2.75
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	14	2.75
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	14	2.75
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	14	2.75
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	14	2.75
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	5	2.75
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	5	2.75
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	5	2.75
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	5	2.75
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	5	2.75
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	5	2.75
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	5	2.75
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	5	2.75
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	5	2.75
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	7	2.74
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	7	2.74
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	11	2.74
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	11	2.74
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	1	2.74
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	1	2.74
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	6	2.74
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	6	2.74
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	6	2.74
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	13	2.74
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	13	2.74
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	13	2.74
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	14	2.74
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	14	2.74
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	14	2.74
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	20	2.74
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	20	2.74
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	20	2.74
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	2	2.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	2	2.74
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	2	2.74
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	2	2.74
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	2	2.74
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	2	2.74
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	2	2.74
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	2	2.74
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	2	2.74
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	20	2.74
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	20	2.74
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	20	2.74
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	20	2.74
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	20	2.74
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	20	2.74
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	20	2.74
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	20	2.74
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	20	2.74
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	11	2.74
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	11	2.74
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	11	2.74
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	5	2.74
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	5	2.74
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	5	2.74
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	5	2.74
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	5	2.74
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	5	2.74
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	5	2.74
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	5	2.74
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	5	2.74
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	17	2.74
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	17	2.74
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	17	2.74
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	19	2.74
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	19	2.74
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	19	2.74
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	15	2.74
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	15	2.74
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	15	2.74
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	12	2.74
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	12	2.74
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	12	2.74
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	12	2.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	12	2.74
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	12	2.74
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	12	2.74
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	12	2.74
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	12	2.74
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	9	2.74
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	13	2.74
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	13	2.74
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	15	2.74
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	15	2.74
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	19	2.74
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	18	2.74
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	18	2.74
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	18	2.74
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	5	2.74
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	5	2.74
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	5	2.74
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	2	2.74
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	2	2.74
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	2	2.74
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	17	2.74
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	17	2.74
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	17	2.74
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	2	2.74
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	2	2.74
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	5	2.74
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	5	2.74
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	10	2.74
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	10	2.74
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	5	2.74
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	5	2.74
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	5	2.74
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	19	2.74
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	19	2.74
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	19	2.74
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	18	2.74
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	18	2.74
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	18	2.74
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	18	2.74
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	18	2.74
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	18	2.74
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	3	2.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	3	2.74
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	3	2.74
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	16	2.74
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	16	2.74
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	16	2.74
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	13	2.74
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	13	2.74
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	13	2.74
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	15	2.74
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	15	2.74
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	15	2.74
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	15	2.74
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	15	2.74
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	15	2.74
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	1	2.74
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	1	2.74
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	1	2.74
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	1	2.74
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	1	2.74
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	1	2.74
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	1	2.74
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	1	2.74
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	1	2.74
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	20	2.74
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	20	2.74
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	12	2.74
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	12	2.74
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	12	2.74
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	5	2.73
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	5	2.73
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	5	2.73
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	5	2.73
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	5	2.73
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	5	2.73
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	18	2.73
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	18	2.73
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	18	2.73
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	18	2.73
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	18	2.73
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	18	2.73
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	3	2.73
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	3	2.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	3	2.73
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	3	2.73
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	3	2.73
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	3	2.73
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	20	2.73
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	20	2.73
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	20	2.73
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	20	2.73
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	20	2.73
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	20	2.73
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	8	2.73
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	8	2.73
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	12	2.73
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	12	2.73
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	14	2.73
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	14	2.73
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	16	2.73
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	16	2.73
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	16	2.73
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	16	2.73
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	16	2.73
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	16	2.73
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	2	2.73
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	2	2.73
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	10	2.73
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	10	2.73
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	2	2.73
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	2	2.73
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	12	2.73
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	12	2.73
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	12	2.73
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	12	2.73
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	12	2.73
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	12	2.73
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	12	2.73
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	12	2.73
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	12	2.73
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	3	2.73
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	3	2.73
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	3	2.73
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	3	2.73
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	3	2.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	3	2.73
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	3	2.73
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	3	2.73
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	3	2.73
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	7	2.73
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	7	2.73
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	7	2.73
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	7	2.73
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	7	2.73
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	7	2.73
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	2	2.73
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	2	2.73
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	2	2.73
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	2	2.73
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	2	2.73
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	2	2.73
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	18	2.73
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	18	2.73
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	18	2.73
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	9	2.73
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	9	2.73
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	7	2.73
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	7	2.73
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	7	2.73
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	7	2.73
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	7	2.73
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	7	2.73
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	6	2.73
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	6	2.73
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	6	2.73
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	9	2.73
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	19	2.73
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	19	2.73
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	19	2.73
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	2	2.73
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	2	2.73
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	1	2.73
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	1	2.73
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	1	2.73
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	15	2.73
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	15	2.73
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	15	2.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	16	2.73
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	16	2.73
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	16	2.73
(1,795)	1:920:A:LEU:HD21	1:923:A:GLN:HB2	5	2.73
(1,795)	1:920:A:LEU:HD22	1:923:A:GLN:HB2	5	2.73
(1,795)	1:920:A:LEU:HD23	1:923:A:GLN:HB2	5	2.73
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	17	2.73
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	17	2.73
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	19	2.73
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	19	2.73
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	19	2.73
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	19	2.73
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	19	2.73
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	19	2.73
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	4	2.73
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	4	2.73
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	4	2.73
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	9	2.73
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	9	2.73
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	9	2.73
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	17	2.73
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	17	2.73
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	17	2.73
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	2	2.73
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	2	2.73
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	2	2.73
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	4	2.73
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	4	2.73
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	4	2.73
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	4	2.73
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	4	2.73
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	4	2.73
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	9	2.73
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	9	2.73
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	9	2.73
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	7	2.73
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	7	2.73
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	7	2.73
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	14	2.73
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	14	2.73
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	14	2.73
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	15	2.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	15	2.73
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	15	2.73
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	15	2.73
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	15	2.73
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	1	2.73
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	1	2.73
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	1	2.73
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	1	2.73
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	1	2.73
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	1	2.73
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	1	2.73
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	1	2.73
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	1	2.73
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	1	2.73
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	1	2.73
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	1	2.73
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	6	2.73
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	6	2.73
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	6	2.73
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	9	2.73
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	9	2.73
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	9	2.73
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	11	2.73
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	11	2.73
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	11	2.73
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	12	2.73
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	12	2.73
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	12	2.73
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	10	2.73
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	10	2.73
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	10	2.73
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD21	17	2.73
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD22	17	2.73
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD23	17	2.73
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD21	17	2.73
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD22	17	2.73
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD23	17	2.73
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD21	17	2.73
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD22	17	2.73
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD23	17	2.73
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD11	17	2.73
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD12	17	2.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,166)	1:826:A:ALA:HB1	1:861:A:LEU:HD13	17	2.73
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD11	17	2.73
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD12	17	2.73
(1,166)	1:826:A:ALA:HB2	1:861:A:LEU:HD13	17	2.73
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD11	17	2.73
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD12	17	2.73
(1,166)	1:826:A:ALA:HB3	1:861:A:LEU:HD13	17	2.73
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	15	2.73
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	15	2.73
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	15	2.73
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	4	2.73
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	4	2.73
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	4	2.73
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	4	2.73
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	4	2.73
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	4	2.73
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	4	2.73
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	4	2.73
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	4	2.73
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	15	2.73
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	15	2.73
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	15	2.73
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	15	2.73
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	15	2.73
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	15	2.73
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	15	2.73
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	15	2.73
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	15	2.73
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	6	2.72
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	6	2.72
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	6	2.72
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	6	2.72
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	6	2.72
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	6	2.72
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	5	2.72
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	5	2.72
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	5	2.72
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	5	2.72
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	3	2.72
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	3	2.72
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	3	2.72
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	3	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	7	2.72
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	7	2.72
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	7	2.72
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	7	2.72
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	8	2.72
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	8	2.72
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	8	2.72
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	8	2.72
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	10	2.72
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	10	2.72
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	10	2.72
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	10	2.72
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	16	2.72
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	16	2.72
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	16	2.72
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	16	2.72
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	19	2.72
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	19	2.72
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	12	2.72
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	12	2.72
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	12	2.72
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	12	2.72
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	12	2.72
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	12	2.72
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	16	2.72
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	16	2.72
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	6	2.72
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	6	2.72
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	6	2.72
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	6	2.72
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	6	2.72
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	6	2.72
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	6	2.72
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	6	2.72
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	6	2.72
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	7	2.72
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	7	2.72
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	7	2.72
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	7	2.72
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	7	2.72
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	7	2.72
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	7	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	7	2.72
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	7	2.72
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	15	2.72
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	15	2.72
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	15	2.72
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	15	2.72
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	15	2.72
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	15	2.72
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	15	2.72
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	15	2.72
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	15	2.72
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	16	2.72
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	16	2.72
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	16	2.72
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	16	2.72
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	16	2.72
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	16	2.72
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	16	2.72
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	16	2.72
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	16	2.72
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	14	2.72
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	14	2.72
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	14	2.72
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	14	2.72
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	14	2.72
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	14	2.72
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	14	2.72
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	14	2.72
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	14	2.72
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	9	2.72
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	9	2.72
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	9	2.72
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	19	2.72
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	19	2.72
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	19	2.72
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	4	2.72
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	4	2.72
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	4	2.72
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	11	2.72
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	11	2.72
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	11	2.72
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	11	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	11	2.72
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	11	2.72
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	13	2.72
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	13	2.72
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	13	2.72
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	13	2.72
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	13	2.72
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	13	2.72
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	7	2.72
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	7	2.72
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	7	2.72
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	10	2.72
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	10	2.72
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	10	2.72
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	16	2.72
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	16	2.72
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	16	2.72
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	20	2.72
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	11	2.72
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	11	2.72
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	11	2.72
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	14	2.72
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	14	2.72
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	14	2.72
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	9	2.72
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	9	2.72
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	9	2.72
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	7	2.72
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	7	2.72
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	7	2.72
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	1	2.72
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	14	2.72
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	14	2.72
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	14	2.72
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	14	2.72
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	14	2.72
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	18	2.72
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	18	2.72
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	18	2.72
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	18	2.72
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	18	2.72
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	18	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	19	2.72
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	19	2.72
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	10	2.72
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	10	2.72
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	10	2.72
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	17	2.72
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	17	2.72
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	16	2.72
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	16	2.72
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	16	2.72
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	1	2.72
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	1	2.72
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	8	2.72
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	8	2.72
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	8	2.72
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	8	2.72
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	8	2.72
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	8	2.72
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	7	2.72
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	7	2.72
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	7	2.72
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	8	2.72
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	8	2.72
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	8	2.72
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	5	2.72
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	17	2.72
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	17	2.72
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	17	2.72
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	8	2.72
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	8	2.72
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	8	2.72
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	14	2.72
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	14	2.72
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	14	2.72
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	14	2.72
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	13	2.72
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	13	2.72
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	8	2.72
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	8	2.72
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	8	2.72
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	8	2.72
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	8	2.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	8	2.72
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	8	2.72
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	8	2.72
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	8	2.72
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	2	2.72
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	2	2.72
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	3	2.72
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	3	2.72
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	3	2.72
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	3	2.72
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	3	2.72
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	3	2.72
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	3	2.72
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	3	2.72
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	3	2.72
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	8	2.71
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	8	2.71
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	8	2.71
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	8	2.71
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	8	2.71
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	8	2.71
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	4	2.71
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	4	2.71
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	4	2.71
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	4	2.71
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	4	2.71
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	4	2.71
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	13	2.71
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	13	2.71
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	19	2.71
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	19	2.71
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	19	2.71
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	19	2.71
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	19	2.71
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	19	2.71
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	12	2.71
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	12	2.71
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	12	2.71
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	12	2.71
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	12	2.71
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	12	2.71
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	7	2.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	7	2.71
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	7	2.71
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	7	2.71
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	7	2.71
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	7	2.71
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	12	2.71
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	12	2.71
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	3	2.71
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	3	2.71
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	8	2.71
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	8	2.71
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	8	2.71
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	9	2.71
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	9	2.71
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	9	2.71
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	12	2.71
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	12	2.71
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	12	2.71
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	1	2.71
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	1	2.71
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	1	2.71
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	1	2.71
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	1	2.71
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	1	2.71
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	1	2.71
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	1	2.71
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	1	2.71
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	10	2.71
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	10	2.71
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	10	2.71
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	10	2.71
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	10	2.71
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	10	2.71
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	10	2.71
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	10	2.71
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	10	2.71
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	6	2.71
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	6	2.71
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	6	2.71
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	6	2.71
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	6	2.71
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	6	2.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	6	2.71
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	6	2.71
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	6	2.71
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	10	2.71
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	10	2.71
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	10	2.71
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	10	2.71
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	10	2.71
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	10	2.71
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	10	2.71
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	10	2.71
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	10	2.71
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	18	2.71
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	18	2.71
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	18	2.71
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	18	2.71
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	18	2.71
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	18	2.71
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	18	2.71
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	18	2.71
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	18	2.71
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	5	2.71
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	5	2.71
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	5	2.71
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	5	2.71
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	5	2.71
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	5	2.71
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	5	2.71
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	5	2.71
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	5	2.71
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	16	2.71
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	16	2.71
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	16	2.71
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	16	2.71
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	16	2.71
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	16	2.71
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	2	2.71
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	2	2.71
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	2	2.71
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	2	2.71
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	11	2.71
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	11	2.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	11	2.71
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	10	2.71
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	10	2.71
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	10	2.71
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	17	2.71
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	17	2.71
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	17	2.71
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	7	2.71
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	7	2.71
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	7	2.71
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	17	2.71
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	7	2.71
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	7	2.71
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	7	2.71
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	10	2.71
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	10	2.71
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	10	2.71
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	19	2.71
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	19	2.71
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	19	2.71
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	11	2.71
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	11	2.71
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	11	2.71
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	9	2.71
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	9	2.71
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	9	2.71
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	9	2.71
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	9	2.71
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	9	2.71
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	9	2.71
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	9	2.71
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	9	2.71
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	9	2.71
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	9	2.71
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	9	2.71
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	10	2.71
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	10	2.71
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	10	2.71
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	10	2.71
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	10	2.71
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	10	2.71
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	10	2.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	10	2.71
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	10	2.71
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	7	2.71
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	7	2.71
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	15	2.71
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	8	2.71
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	8	2.71
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	8	2.71
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	5	2.71
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	5	2.71
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	5	2.71
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	2	2.71
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	2	2.71
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	2	2.71
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	18	2.71
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	18	2.71
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	18	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	1	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	1	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	1	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	6	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	6	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	6	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	12	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	12	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	12	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	17	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	17	2.71
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	17	2.71
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	19	2.71
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	19	2.71
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	19	2.71
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	12	2.71
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	15	2.71
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	19	2.71
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	19	2.71
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	19	2.71
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	6	2.71
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	6	2.71
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	8	2.71
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	8	2.71
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	12	2.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	12	2.71
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	12	2.71
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	12	2.71
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	12	2.71
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	12	2.71
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	12	2.71
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	12	2.71
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	12	2.71
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	20	2.7
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	20	2.7
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	20	2.7
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	20	2.7
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	20	2.7
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	20	2.7
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	20	2.7
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	20	2.7
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	20	2.7
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	20	2.7
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	7	2.7
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	7	2.7
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	15	2.7
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	15	2.7
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	10	2.7
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	10	2.7
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	10	2.7
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	10	2.7
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	10	2.7
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	10	2.7
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	20	2.7
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	20	2.7
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	6	2.7
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	6	2.7
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	6	2.7
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	11	2.7
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	11	2.7
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	11	2.7
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	11	2.7
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	11	2.7
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	11	2.7
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	11	2.7
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	11	2.7
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	11	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	11	2.7
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	11	2.7
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	11	2.7
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	11	2.7
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	11	2.7
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	11	2.7
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	11	2.7
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	11	2.7
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	11	2.7
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	14	2.7
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	14	2.7
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	14	2.7
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	14	2.7
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	14	2.7
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	14	2.7
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	14	2.7
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	14	2.7
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	14	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	2	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	2	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	2	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	10	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	10	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	10	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	15	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	15	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	15	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	20	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	20	2.7
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	20	2.7
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	12	2.7
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	12	2.7
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	12	2.7
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	12	2.7
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	12	2.7
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	12	2.7
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	12	2.7
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	12	2.7
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	12	2.7
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	2	2.7
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	2	2.7
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	2	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	2	2.7
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	2	2.7
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	2	2.7
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	15	2.7
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	15	2.7
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	15	2.7
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	18	2.7
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	18	2.7
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	18	2.7
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	18	2.7
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	11	2.7
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	11	2.7
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	1	2.7
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	1	2.7
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	1	2.7
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	1	2.7
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	1	2.7
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	1	2.7
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	18	2.7
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	18	2.7
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	18	2.7
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	16	2.7
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	16	2.7
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	16	2.7
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	9	2.7
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	9	2.7
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	12	2.7
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	12	2.7
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	6	2.7
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	6	2.7
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	6	2.7
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	4	2.7
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	14	2.7
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	14	2.7
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	14	2.7
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	5	2.7
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	5	2.7
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	12	2.7
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	12	2.7
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	12	2.7
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	12	2.7
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	12	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	12	2.7
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	3	2.7
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	3	2.7
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	3	2.7
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	3	2.7
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	3	2.7
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	3	2.7
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	3	2.7
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	3	2.7
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	3	2.7
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	4	2.7
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	4	2.7
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	6	2.7
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	6	2.7
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	10	2.7
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	10	2.7
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	5	2.7
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	5	2.7
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	5	2.7
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	14	2.7
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	14	2.7
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	16	2.7
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	16	2.7
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	16	2.7
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	16	2.7
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	16	2.7
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	16	2.7
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	14	2.7
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	14	2.7
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	14	2.7
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	18	2.7
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	18	2.7
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	18	2.7
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	14	2.7
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	14	2.7
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	14	2.7
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	5	2.7
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	5	2.7
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	11	2.7
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	11	2.7
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	19	2.7
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	19	2.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	19	2.7
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	11	2.69
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	11	2.69
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	15	2.69
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	15	2.69
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	17	2.69
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	17	2.69
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	14	2.69
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	14	2.69
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	3	2.69
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	3	2.69
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	19	2.69
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	19	2.69
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	6	2.69
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	6	2.69
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	13	2.69
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	13	2.69
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	15	2.69
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	15	2.69
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	15	2.69
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	15	2.69
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	15	2.69
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	15	2.69
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	17	2.69
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	17	2.69
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	17	2.69
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	17	2.69
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	17	2.69
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	17	2.69
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	3	2.69
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	3	2.69
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	4	2.69
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	4	2.69
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	4	2.69
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	4	2.69
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	7	2.69
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	7	2.69
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	7	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	5	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	5	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	5	2.69
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	5	2.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	5	2.69
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	5	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	5	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	5	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	5	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	8	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	8	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	8	2.69
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	8	2.69
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	8	2.69
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	8	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	8	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	8	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	8	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	13	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	13	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	13	2.69
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	13	2.69
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	13	2.69
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	13	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	13	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	13	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	13	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	17	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	17	2.69
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	17	2.69
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	17	2.69
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	17	2.69
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	17	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	17	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	17	2.69
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	17	2.69
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	10	2.69
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	10	2.69
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	10	2.69
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	10	2.69
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	10	2.69
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	10	2.69
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	10	2.69
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	10	2.69
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	10	2.69
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	19	2.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	19	2.69
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	19	2.69
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	14	2.69
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	14	2.69
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	14	2.69
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	14	2.69
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	14	2.69
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	14	2.69
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	14	2.69
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	14	2.69
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	14	2.69
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	11	2.69
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	11	2.69
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	11	2.69
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	16	2.69
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	16	2.69
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	16	2.69
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	16	2.69
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	16	2.69
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	16	2.69
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	7	2.69
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	7	2.69
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	16	2.69
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	16	2.69
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	15	2.69
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	15	2.69
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	15	2.69
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	8	2.69
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	8	2.69
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	8	2.69
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	13	2.69
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	5	2.69
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	5	2.69
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	5	2.69
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	5	2.69
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	5	2.69
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	5	2.69
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	5	2.69
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	5	2.69
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	5	2.69
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	6	2.69
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	6	2.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	6	2.69
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	1	2.69
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	1	2.69
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	1	2.69
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	11	2.69
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	11	2.69
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	11	2.69
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	11	2.69
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	11	2.69
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	11	2.69
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	13	2.69
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	9	2.69
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	9	2.69
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	9	2.69
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	13	2.69
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	9	2.69
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	9	2.69
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	9	2.69
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	19	2.69
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	19	2.69
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	19	2.69
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	8	2.69
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	8	2.69
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	8	2.69
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	8	2.69
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	8	2.69
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	8	2.69
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	17	2.69
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	17	2.69
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	17	2.69
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	2	2.69
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	2	2.69
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	2	2.69
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	7	2.69
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	7	2.69
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	7	2.69
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	17	2.69
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	17	2.69
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	17	2.69
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	17	2.69
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	17	2.69
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	17	2.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	13	2.69
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	13	2.69
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	13	2.69
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB1	5	2.69
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB2	5	2.69
(1,120)	1:816:A:LEU:HD21	1:824:A:ALA:HB3	5	2.69
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB1	5	2.69
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB2	5	2.69
(1,120)	1:816:A:LEU:HD22	1:824:A:ALA:HB3	5	2.69
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB1	5	2.69
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB2	5	2.69
(1,120)	1:816:A:LEU:HD23	1:824:A:ALA:HB3	5	2.69
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD11	6	2.69
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD12	6	2.69
(1,95)	1:813:A:ILE:HD11	1:828:A:LEU:HD13	6	2.69
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD11	6	2.69
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD12	6	2.69
(1,95)	1:813:A:ILE:HD12	1:828:A:LEU:HD13	6	2.69
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD11	6	2.69
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD12	6	2.69
(1,95)	1:813:A:ILE:HD13	1:828:A:LEU:HD13	6	2.69
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	15	2.69
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	15	2.69
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	15	2.69
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	17	2.68
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	17	2.68
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	17	2.68
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	17	2.68
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	17	2.68
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	17	2.68
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	9	2.68
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	9	2.68
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	9	2.68
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	9	2.68
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	20	2.68
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	20	2.68
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	6	2.68
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	6	2.68
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	6	2.68
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	6	2.68
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	15	2.68
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	15	2.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	15	2.68
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	15	2.68
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	15	2.68
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	15	2.68
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	17	2.68
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	17	2.68
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	17	2.68
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	17	2.68
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	17	2.68
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	17	2.68
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	5	2.68
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	5	2.68
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	11	2.68
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	11	2.68
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	9	2.68
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	9	2.68
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	9	2.68
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	9	2.68
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	9	2.68
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	9	2.68
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	17	2.68
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	17	2.68
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	17	2.68
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	17	2.68
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	17	2.68
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	17	2.68
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	6	2.68
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	6	2.68
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	6	2.68
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	5	2.68
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	5	2.68
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	5	2.68
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	17	2.68
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	17	2.68
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	17	2.68
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	1	2.68
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	1	2.68
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	1	2.68
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	1	2.68
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	1	2.68
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	1	2.68
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	1	2.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	1	2.68
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	1	2.68
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	9	2.68
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	9	2.68
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	9	2.68
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	9	2.68
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	9	2.68
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	9	2.68
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	9	2.68
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	9	2.68
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	9	2.68
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	19	2.68
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	19	2.68
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	19	2.68
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	19	2.68
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	19	2.68
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	19	2.68
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	19	2.68
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	19	2.68
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	19	2.68
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	18	2.68
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	18	2.68
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	18	2.68
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	18	2.68
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	18	2.68
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	18	2.68
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	18	2.68
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	18	2.68
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	18	2.68
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	19	2.68
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	19	2.68
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	19	2.68
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	19	2.68
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	19	2.68
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	19	2.68
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	19	2.68
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	19	2.68
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	19	2.68
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	13	2.68
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	13	2.68
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	13	2.68
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	11	2.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	11	2.68
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	11	2.68
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	12	2.68
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	12	2.68
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	12	2.68
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	13	2.68
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	13	2.68
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	13	2.68
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	4	2.68
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	4	2.68
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	4	2.68
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	4	2.68
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	4	2.68
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	4	2.68
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	4	2.68
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	4	2.68
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	4	2.68
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	9	2.68
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	9	2.68
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	9	2.68
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	9	2.68
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	9	2.68
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	9	2.68
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD11	10	2.68
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD12	10	2.68
(1,2642)	1:809:A:PHE:HE2	1:829:A:LEU:HD13	10	2.68
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD11	10	2.68
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD12	10	2.68
(1,2642)	1:809:A:PHE:HE1	1:829:A:LEU:HD13	10	2.68
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	6	2.68
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	6	2.68
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	6	2.68
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	4	2.68
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	4	2.68
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	4	2.68
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	2	2.68
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	2	2.68
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	2	2.68
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	17	2.68
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	17	2.68
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	17	2.68
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	14	2.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	14	2.68
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	14	2.68
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	4	2.68
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	16	2.68
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	16	2.68
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	16	2.68
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	13	2.68
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	13	2.68
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	13	2.68
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	13	2.68
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	13	2.68
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	13	2.68
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	13	2.68
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	13	2.68
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	13	2.68
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	6	2.68
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	17	2.68
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	17	2.68
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	17	2.68
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	17	2.68
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	17	2.68
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	17	2.68
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	20	2.68
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	20	2.68
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	20	2.68
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	4	2.68
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	4	2.68
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	4	2.68
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	7	2.68
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	7	2.68
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	7	2.68
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	20	2.68
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	20	2.68
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	20	2.68
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	19	2.68
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	19	2.68
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	5	2.68
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	5	2.68
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	5	2.68
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	5	2.68
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	5	2.68
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	5	2.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	16	2.68
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	16	2.68
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	16	2.68
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	16	2.68
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	16	2.68
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	16	2.68
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	16	2.68
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	16	2.68
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	16	2.68
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	15	2.68
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	15	2.68
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	15	2.68
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	7	2.68
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	19	2.67
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	19	2.67
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	11	2.67
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	11	2.67
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	11	2.67
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	11	2.67
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	11	2.67
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	11	2.67
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	16	2.67
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	16	2.67
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	20	2.67
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	20	2.67
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	1	2.67
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	1	2.67
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	14	2.67
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	14	2.67
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	14	2.67
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	14	2.67
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	14	2.67
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	14	2.67
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	7	2.67
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	7	2.67
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	7	2.67
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	7	2.67
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	7	2.67
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	7	2.67
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	8	2.67
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	8	2.67
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	8	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	8	2.67
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	3	2.67
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	3	2.67
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	2	2.67
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	2	2.67
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	2	2.67
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	17	2.67
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	17	2.67
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	17	2.67
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	11	2.67
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	11	2.67
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	11	2.67
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	18	2.67
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	18	2.67
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	18	2.67
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	20	2.67
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	20	2.67
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	20	2.67
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	20	2.67
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	20	2.67
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	20	2.67
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	20	2.67
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	20	2.67
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	20	2.67
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	4	2.67
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	4	2.67
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	4	2.67
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	4	2.67
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	4	2.67
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	4	2.67
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	4	2.67
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	4	2.67
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	4	2.67
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	2	2.67
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	2	2.67
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	2	2.67
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	9	2.67
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	9	2.67
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	9	2.67
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	3	2.67
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	3	2.67
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	18	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	18	2.67
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	16	2.67
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	16	2.67
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	16	2.67
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	1	2.67
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	1	2.67
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	1	2.67
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	20	2.67
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	20	2.67
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	20	2.67
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	8	2.67
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	8	2.67
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	8	2.67
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	12	2.67
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	12	2.67
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	12	2.67
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	2	2.67
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	2	2.67
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	2	2.67
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	7	2.67
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	7	2.67
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	7	2.67
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	5	2.67
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	15	2.67
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	2	2.67
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	2	2.67
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	17	2.67
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	17	2.67
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	17	2.67
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	17	2.67
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	17	2.67
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	17	2.67
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	17	2.67
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	17	2.67
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	17	2.67
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	5	2.67
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	5	2.67
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	5	2.67
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	9	2.67
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	9	2.67
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	9	2.67
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	5	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	1	2.67
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	1	2.67
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	1	2.67
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	1	2.67
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	1	2.67
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	1	2.67
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	1	2.67
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	1	2.67
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	1	2.67
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	20	2.67
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	20	2.67
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	20	2.67
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	6	2.67
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	6	2.67
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	6	2.67
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	6	2.67
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	6	2.67
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	6	2.67
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	16	2.67
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	16	2.67
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	16	2.67
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	16	2.67
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	16	2.67
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	16	2.67
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	16	2.67
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	16	2.67
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	16	2.67
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	12	2.67
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	9	2.67
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	9	2.67
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	9	2.67
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	6	2.67
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	6	2.67
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	6	2.67
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	11	2.67
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	11	2.67
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	11	2.67
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	18	2.67
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	18	2.67
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	6	2.67
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	6	2.67
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	6	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	6	2.67
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	6	2.67
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	6	2.67
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	6	2.67
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	6	2.67
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	6	2.67
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	12	2.67
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	12	2.67
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	12	2.67
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	12	2.67
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	12	2.67
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	12	2.67
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	12	2.67
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	12	2.67
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	12	2.67
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	14	2.67
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	14	2.67
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	17	2.67
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	17	2.67
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	17	2.67
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	17	2.67
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	17	2.67
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	17	2.67
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	17	2.67
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	17	2.67
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	17	2.67
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	10	2.67
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	10	2.67
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	10	2.67
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	16	2.67
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	16	2.67
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	16	2.67
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	16	2.67
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	16	2.67
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	16	2.67
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	16	2.67
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	16	2.67
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	16	2.67
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	3	2.67
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	3	2.67
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	3	2.67
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	3	2.66
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	3	2.66
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	3	2.66
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	3	2.66
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	3	2.66
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	6	2.66
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	6	2.66
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	17	2.66
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	17	2.66
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	7	2.66
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	7	2.66
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	7	2.66
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	7	2.66
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	12	2.66
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	12	2.66
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	12	2.66
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	8	2.66
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	8	2.66
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	7	2.66
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	7	2.66
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	7	2.66
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	1	2.66
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	1	2.66
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	1	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	2	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	2	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	2	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	7	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	7	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	7	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	9	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	9	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	9	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	16	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	16	2.66
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	16	2.66
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD13	12	2.66
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD11	12	2.66
(1,2830)	1:841:A:LEU:HD11	1:876:A:LEU:HD12	12	2.66
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD13	12	2.66
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD11	12	2.66
(1,2830)	1:841:A:LEU:HD12	1:876:A:LEU:HD12	12	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD13	12	2.66
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD11	12	2.66
(1,2830)	1:841:A:LEU:HD13	1:876:A:LEU:HD12	12	2.66
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	8	2.66
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	8	2.66
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	8	2.66
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	8	2.66
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	8	2.66
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	8	2.66
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	8	2.66
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	8	2.66
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	8	2.66
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	2	2.66
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	2	2.66
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	3	2.66
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	3	2.66
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	3	2.66
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	3	2.66
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	3	2.66
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	3	2.66
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	3	2.66
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	3	2.66
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	16	2.66
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	16	2.66
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	16	2.66
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	16	2.66
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	16	2.66
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	16	2.66
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	16	2.66
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	16	2.66
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	16	2.66
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	19	2.66
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	19	2.66
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	19	2.66
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	19	2.66
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	19	2.66
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	19	2.66
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	19	2.66
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	19	2.66
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	19	2.66
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	14	2.66
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	14	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	14	2.66
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	7	2.66
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	11	2.66
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	8	2.66
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	8	2.66
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	8	2.66
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	11	2.66
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	11	2.66
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	11	2.66
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	11	2.66
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	11	2.66
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	11	2.66
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	11	2.66
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	11	2.66
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	11	2.66
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	18	2.66
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	18	2.66
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	18	2.66
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	18	2.66
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	18	2.66
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	18	2.66
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	18	2.66
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	18	2.66
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	18	2.66
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	4	2.66
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	4	2.66
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	4	2.66
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	18	2.66
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	20	2.66
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	20	2.66
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	20	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	11	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	11	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	11	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	11	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	11	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	11	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	14	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	14	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	14	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	14	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	14	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	14	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	17	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	17	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	17	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	17	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	17	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	17	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	18	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	18	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	18	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	18	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	18	2.66
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	18	2.66
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	15	2.66
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	15	2.66
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	15	2.66
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	4	2.66
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	4	2.66
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	4	2.66
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	9	2.66
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	9	2.66
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	9	2.66
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	11	2.66
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	11	2.66
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	11	2.66
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	16	2.66
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	16	2.66
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	16	2.66
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	18	2.66
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	18	2.66
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	18	2.66
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	18	2.66
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	18	2.66
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	18	2.66
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	18	2.66
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	18	2.66
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	18	2.66
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	3	2.66
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	3	2.66
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	3	2.66
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	3	2.66
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	3	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	3	2.66
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	5	2.66
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	3	2.66
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	3	2.66
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	3	2.66
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	6	2.66
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	6	2.66
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	6	2.66
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	10	2.66
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	10	2.66
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	10	2.66
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	10	2.66
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	10	2.66
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	10	2.66
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	10	2.66
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	10	2.66
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	10	2.66
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	5	2.65
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	5	2.65
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	10	2.65
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	10	2.65
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	12	2.65
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	12	2.65
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	16	2.65
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	16	2.65
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	16	2.65
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	17	2.65
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	17	2.65
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	17	2.65
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	13	2.65
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	13	2.65
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	13	2.65
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	18	2.65
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	18	2.65
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	18	2.65
(1,2850)	1:816:A:LEU:HD21	1:821:A:ASP:HB3	6	2.65
(1,2850)	1:816:A:LEU:HD22	1:821:A:ASP:HB3	6	2.65
(1,2850)	1:816:A:LEU:HD23	1:821:A:ASP:HB3	6	2.65
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	1	2.65
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	1	2.65
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	1	2.65
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	3	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	3	2.65
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	3	2.65
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	13	2.65
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	13	2.65
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	13	2.65
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	6	2.65
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	6	2.65
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	6	2.65
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	6	2.65
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	6	2.65
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	6	2.65
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	6	2.65
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	6	2.65
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	6	2.65
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	18	2.65
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	18	2.65
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	18	2.65
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	18	2.65
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	18	2.65
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	18	2.65
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	10	2.65
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	10	2.65
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	1	2.65
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	1	2.65
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	4	2.65
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	4	2.65
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	14	2.65
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	14	2.65
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	11	2.65
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	11	2.65
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	11	2.65
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	11	2.65
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	11	2.65
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	11	2.65
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	13	2.65
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	13	2.65
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	13	2.65
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	13	2.65
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	13	2.65
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	13	2.65
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	8	2.65
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	8	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	8	2.65
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	16	2.65
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	16	2.65
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	16	2.65
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	4	2.65
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	4	2.65
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	4	2.65
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	18	2.65
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	18	2.65
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	18	2.65
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	1	2.65
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	1	2.65
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	1	2.65
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	7	2.65
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	7	2.65
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	7	2.65
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	7	2.65
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	7	2.65
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	7	2.65
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	4	2.65
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	4	2.65
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD1	10	2.65
(1,950)	1:806:A:ALA:H	1:840:A:PHE:HD2	10	2.65
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	12	2.65
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	12	2.65
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	12	2.65
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	13	2.65
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	13	2.65
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	13	2.65
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	3	2.65
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	3	2.65
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	2	2.65
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	2	2.65
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	2	2.65
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	11	2.65
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	11	2.65
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	11	2.65
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	2	2.65
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	2	2.65
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	2	2.65
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	9	2.65
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	9	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	12	2.65
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	12	2.65
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	11	2.65
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	11	2.65
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	11	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	4	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	4	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	4	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	4	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	4	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	4	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	7	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	7	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	7	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	7	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	7	2.65
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	7	2.65
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	1	2.65
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	1	2.65
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	1	2.65
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	6	2.65
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	6	2.65
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	6	2.65
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	19	2.65
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	19	2.65
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	19	2.65
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	18	2.65
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	18	2.65
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	18	2.65
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	19	2.65
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	19	2.65
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	19	2.65
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	9	2.65
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	14	2.65
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	16	2.65
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	16	2.65
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	16	2.65
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	18	2.65
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	18	2.65
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	13	2.65
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	13	2.65
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	13	2.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	13	2.65
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	13	2.65
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	13	2.65
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	13	2.65
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	13	2.65
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	13	2.65
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	20	2.64
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	20	2.64
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	20	2.64
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	20	2.64
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	20	2.64
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	20	2.64
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	17	2.64
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	17	2.64
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	17	2.64
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	17	2.64
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	9	2.64
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	9	2.64
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	9	2.64
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	9	2.64
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	9	2.64
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	9	2.64
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	19	2.64
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	19	2.64
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	19	2.64
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	19	2.64
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	13	2.64
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	13	2.64
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	13	2.64
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	13	2.64
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	15	2.64
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	15	2.64
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	15	2.64
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	15	2.64
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	15	2.64
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	15	2.64
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	6	2.64
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	6	2.64
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	6	2.64
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	6	2.64
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	6	2.64
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	6	2.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2928)	1:809:A:PHE:HD2	1:840:A:PHE:HB3	12	2.64
(1,2928)	1:809:A:PHE:HD1	1:840:A:PHE:HB3	12	2.64
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	5	2.64
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	5	2.64
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	5	2.64
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	13	2.64
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	13	2.64
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	13	2.64
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	6	2.64
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	6	2.64
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	6	2.64
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	6	2.64
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	6	2.64
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	6	2.64
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	6	2.64
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	6	2.64
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	6	2.64
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	9	2.64
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	9	2.64
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	9	2.64
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	9	2.64
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	9	2.64
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	9	2.64
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	9	2.64
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	9	2.64
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	9	2.64
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	5	2.64
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	5	2.64
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	5	2.64
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	5	2.64
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	5	2.64
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	5	2.64
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	5	2.64
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	5	2.64
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	5	2.64
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	17	2.64
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	17	2.64
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	17	2.64
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	17	2.64
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	17	2.64
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	17	2.64
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	17	2.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	17	2.64
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	17	2.64
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	1	2.64
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	1	2.64
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	1	2.64
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	11	2.64
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	11	2.64
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	11	2.64
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	8	2.64
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	8	2.64
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	8	2.64
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	11	2.64
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	11	2.64
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	11	2.64
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	6	2.64
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	6	2.64
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	18	2.64
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	18	2.64
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	3	2.64
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	19	2.64
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	6	2.64
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	6	2.64
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	6	2.64
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	6	2.64
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	6	2.64
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	6	2.64
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	6	2.64
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	6	2.64
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	6	2.64
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	1	2.64
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	1	2.64
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	1	2.64
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	1	2.64
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	1	2.64
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	1	2.64
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	1	2.64
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	1	2.64
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	1	2.64
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	12	2.64
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	12	2.64
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	12	2.64
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	20	2.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	20	2.64
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	20	2.64
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	10	2.64
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	10	2.64
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	10	2.64
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	10	2.64
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	10	2.64
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	10	2.64
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	10	2.64
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	10	2.64
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	10	2.64
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	10	2.64
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	10	2.64
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	10	2.64
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	16	2.64
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	16	2.64
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	16	2.64
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	16	2.64
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	16	2.64
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	16	2.64
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	16	2.64
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	16	2.64
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	16	2.64
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	1	2.64
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	1	2.64
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	1	2.64
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	16	2.64
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	16	2.64
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	4	2.64
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	4	2.64
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	4	2.64
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	18	2.64
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	18	2.64
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	18	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	10	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	10	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	10	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	10	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	10	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	10	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	13	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	13	2.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	13	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	13	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	13	2.64
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	13	2.64
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	5	2.64
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	5	2.64
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	5	2.64
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	10	2.64
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	10	2.64
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	10	2.64
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	4	2.64
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	4	2.64
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	4	2.64
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	4	2.64
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	4	2.64
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	4	2.64
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	1	2.64
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	1	2.64
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	18	2.64
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	17	2.64
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	17	2.64
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	17	2.64
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	2	2.64
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	2	2.64
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	2	2.64
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	4	2.64
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	4	2.64
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	4	2.64
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	4	2.64
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	4	2.64
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	8	2.63
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	8	2.63
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	8	2.63
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	8	2.63
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	9	2.63
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	9	2.63
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	9	2.63
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	9	2.63
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	9	2.63
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	9	2.63
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	9	2.63
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	9	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	18	2.63
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	18	2.63
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	18	2.63
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	18	2.63
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	10	2.63
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	10	2.63
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	19	2.63
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	19	2.63
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	19	2.63
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	19	2.63
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	19	2.63
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	19	2.63
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	8	2.63
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	8	2.63
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	8	2.63
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	8	2.63
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	8	2.63
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	8	2.63
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	8	2.63
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	8	2.63
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	8	2.63
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	8	2.63
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	8	2.63
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	8	2.63
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	3	2.63
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	3	2.63
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	3	2.63
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	3	2.63
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	3	2.63
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	3	2.63
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	7	2.63
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	7	2.63
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	3	2.63
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	3	2.63
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	3	2.63
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	3	2.63
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	17	2.63
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	17	2.63
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	17	2.63
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	17	2.63
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	2	2.63
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	6	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	6	2.63
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	6	2.63
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	15	2.63
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	15	2.63
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	15	2.63
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	3	2.63
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	3	2.63
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	3	2.63
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	12	2.63
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	12	2.63
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	12	2.63
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD11	19	2.63
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD12	19	2.63
(1,2844)	1:828:A:LEU:HB2	1:828:A:LEU:HD13	19	2.63
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	12	2.63
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	12	2.63
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	12	2.63
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	12	2.63
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	12	2.63
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	12	2.63
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	12	2.63
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	12	2.63
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	12	2.63
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	11	2.63
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	11	2.63
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	11	2.63
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	11	2.63
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	11	2.63
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	11	2.63
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	11	2.63
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	11	2.63
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	11	2.63
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	13	2.63
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	13	2.63
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	13	2.63
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	13	2.63
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	13	2.63
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	13	2.63
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	13	2.63
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	13	2.63
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	13	2.63
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	14	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	14	2.63
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	14	2.63
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	14	2.63
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	14	2.63
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	14	2.63
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	14	2.63
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	14	2.63
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	14	2.63
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	9	2.63
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	9	2.63
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	9	2.63
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	4	2.63
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	4	2.63
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	4	2.63
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	4	2.63
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	4	2.63
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	4	2.63
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	10	2.63
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	10	2.63
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	10	2.63
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	10	2.63
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	10	2.63
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	10	2.63
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	3	2.63
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	3	2.63
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	3	2.63
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	1	2.63
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	1	2.63
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	20	2.63
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	20	2.63
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	8	2.63
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	8	2.63
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	19	2.63
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	19	2.63
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	19	2.63
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	15	2.63
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	15	2.63
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	15	2.63
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	9	2.63
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	9	2.63
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	9	2.63
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	13	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	13	2.63
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	13	2.63
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	4	2.63
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	4	2.63
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	4	2.63
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	8	2.63
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	4	2.63
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	4	2.63
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	4	2.63
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	14	2.63
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	14	2.63
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	14	2.63
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	14	2.63
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	14	2.63
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	14	2.63
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	20	2.63
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	20	2.63
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	20	2.63
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	15	2.63
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	15	2.63
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	15	2.63
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	9	2.63
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	9	2.63
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	9	2.63
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	9	2.63
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	9	2.63
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	9	2.63
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	9	2.63
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	9	2.63
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	9	2.63
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	7	2.63
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	7	2.63
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	7	2.63
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	7	2.63
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	7	2.63
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	7	2.63
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	7	2.63
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	7	2.63
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	7	2.63
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	14	2.63
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	14	2.63
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	10	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	10	2.63
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	10	2.63
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	7	2.63
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	7	2.63
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	7	2.63
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	13	2.63
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	13	2.63
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	13	2.63
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	11	2.63
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	11	2.63
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	11	2.63
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	17	2.63
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	17	2.63
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	17	2.63
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	12	2.63
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	12	2.63
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	12	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	1	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	1	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	1	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	1	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	1	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	1	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	2	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	2	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	2	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	2	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	2	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	2	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	3	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	3	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	3	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	3	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	3	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	3	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	15	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	15	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	15	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	15	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	15	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	15	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	19	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	19	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	19	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	19	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	19	2.63
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	19	2.63
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	18	2.63
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	18	2.63
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	18	2.63
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	16	2.63
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	16	2.63
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	16	2.63
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	7	2.63
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	7	2.63
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	7	2.63
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	7	2.63
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	7	2.63
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	7	2.63
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	7	2.63
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	7	2.63
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	7	2.63
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	12	2.63
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	12	2.63
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	12	2.63
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	20	2.63
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	20	2.63
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	20	2.63
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	8	2.63
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	8	2.63
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	8	2.63
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	14	2.63
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	14	2.63
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	14	2.63
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	14	2.63
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	14	2.63
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	14	2.63
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	14	2.63
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	14	2.63
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	14	2.63
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	14	2.62
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	14	2.62
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	13	2.62
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	13	2.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	1	2.62
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	1	2.62
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	1	2.62
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	1	2.62
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	8	2.62
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	8	2.62
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	8	2.62
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	11	2.62
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	11	2.62
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	11	2.62
(1,2866)	1:857:A:LEU:HD21	1:872:A:HIS:HB2	8	2.62
(1,2866)	1:857:A:LEU:HD22	1:872:A:HIS:HB2	8	2.62
(1,2866)	1:857:A:LEU:HD23	1:872:A:HIS:HB2	8	2.62
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	1	2.62
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	1	2.62
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	1	2.62
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	1	2.62
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	1	2.62
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	1	2.62
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	1	2.62
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	1	2.62
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	1	2.62
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	18	2.62
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	18	2.62
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	18	2.62
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	5	2.62
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	5	2.62
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	5	2.62
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	5	2.62
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	5	2.62
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	5	2.62
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	18	2.62
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	18	2.62
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	18	2.62
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	17	2.62
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	17	2.62
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	17	2.62
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	13	2.62
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	13	2.62
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	13	2.62
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	5	2.62
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	5	2.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	5	2.62
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	13	2.62
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	5	2.62
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	5	2.62
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	5	2.62
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	5	2.62
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	5	2.62
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	5	2.62
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	5	2.62
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	5	2.62
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	5	2.62
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	11	2.62
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	11	2.62
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	1	2.62
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	1	2.62
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	1	2.62
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	2	2.62
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	2	2.62
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	2	2.62
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	1	2.62
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	1	2.62
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	1	2.62
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	18	2.62
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	18	2.62
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	18	2.62
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	18	2.62
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	18	2.62
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	18	2.62
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	14	2.62
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	14	2.62
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	14	2.62
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	6	2.62
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	6	2.62
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	6	2.62
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	6	2.62
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	6	2.62
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	6	2.62
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	9	2.62
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	9	2.62
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	9	2.62
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	9	2.62
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	9	2.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	9	2.62
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	6	2.62
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	6	2.62
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	6	2.62
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	18	2.62
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	18	2.62
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	18	2.62
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	10	2.62
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	10	2.62
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	10	2.62
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	13	2.62
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	13	2.62
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	13	2.62
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	16	2.62
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	16	2.62
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	16	2.62
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	16	2.62
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	16	2.62
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	16	2.62
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	14	2.62
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	14	2.62
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	14	2.62
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	14	2.62
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	14	2.62
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	14	2.62
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	14	2.62
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	14	2.62
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	14	2.62
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	11	2.62
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	11	2.62
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	11	2.62
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	11	2.62
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	11	2.62
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	11	2.62
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	11	2.62
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	11	2.62
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	11	2.62
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	20	2.62
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	20	2.62
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	20	2.62
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	20	2.62
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	20	2.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	20	2.62
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	3	2.62
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	3	2.62
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	7	2.62
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	7	2.62
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	7	2.62
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	11	2.62
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	11	2.62
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	11	2.62
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	18	2.61
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	18	2.61
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	4	2.61
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	4	2.61
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	4	2.61
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	4	2.61
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	4	2.61
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	4	2.61
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	13	2.61
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	13	2.61
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	13	2.61
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	13	2.61
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	13	2.61
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	13	2.61
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	16	2.61
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	16	2.61
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	16	2.61
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	16	2.61
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	16	2.61
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	16	2.61
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	2	2.61
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	2	2.61
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	12	2.61
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	12	2.61
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	12	2.61
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	12	2.61
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	12	2.61
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	12	2.61
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	12	2.61
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	12	2.61
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	19	2.61
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	19	2.61
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	19	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	19	2.61
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	19	2.61
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	19	2.61
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	8	2.61
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	8	2.61
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	8	2.61
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	8	2.61
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	8	2.61
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	8	2.61
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	13	2.61
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	13	2.61
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	13	2.61
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	13	2.61
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	20	2.61
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	20	2.61
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	20	2.61
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	20	2.61
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	2	2.61
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	2	2.61
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	2	2.61
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	2	2.61
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	2	2.61
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	2	2.61
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	1	2.61
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	1	2.61
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	1	2.61
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	4	2.61
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	4	2.61
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	4	2.61
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	5	2.61
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	5	2.61
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	5	2.61
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	19	2.61
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	19	2.61
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	19	2.61
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	2	2.61
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	2	2.61
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	2	2.61
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	2	2.61
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	2	2.61
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	2	2.61
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	2	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	2	2.61
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	2	2.61
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	15	2.61
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	15	2.61
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	15	2.61
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	15	2.61
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	15	2.61
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	15	2.61
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	15	2.61
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	15	2.61
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	15	2.61
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	20	2.61
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	20	2.61
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	20	2.61
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	20	2.61
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	20	2.61
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	20	2.61
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	20	2.61
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	20	2.61
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	20	2.61
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	2	2.61
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	2	2.61
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	2	2.61
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	17	2.61
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	17	2.61
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	17	2.61
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	8	2.61
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	8	2.61
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	8	2.61
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	8	2.61
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	3	2.61
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	3	2.61
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	1	2.61
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	1	2.61
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	1	2.61
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	12	2.61
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	12	2.61
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	12	2.61
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	6	2.61
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	6	2.61
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	6	2.61
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	4	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	4	2.61
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	4	2.61
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	4	2.61
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	4	2.61
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	4	2.61
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	14	2.61
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	14	2.61
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	14	2.61
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	5	2.61
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	5	2.61
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	5	2.61
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	1	2.61
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	1	2.61
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	1	2.61
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	1	2.61
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	1	2.61
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	3	2.61
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	3	2.61
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	3	2.61
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	13	2.61
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	13	2.61
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	13	2.61
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	6	2.61
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	6	2.61
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	6	2.61
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	6	2.61
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	6	2.61
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	6	2.61
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	6	2.61
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	6	2.61
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	6	2.61
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	20	2.61
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	20	2.61
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	20	2.61
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	20	2.61
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	20	2.61
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	20	2.61
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	20	2.61
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	20	2.61
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	20	2.61
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	2	2.61
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	2	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	2	2.61
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	6	2.61
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	6	2.61
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	6	2.61
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	8	2.61
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	8	2.61
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	8	2.61
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	17	2.61
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	17	2.61
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	17	2.61
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	18	2.61
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	18	2.61
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	18	2.61
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	19	2.61
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	19	2.61
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	19	2.61
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD11	11	2.61
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD12	11	2.61
(1,772)	1:873:A:LEU:HD11	1:920:A:LEU:HD13	11	2.61
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD11	11	2.61
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD12	11	2.61
(1,772)	1:873:A:LEU:HD12	1:920:A:LEU:HD13	11	2.61
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD11	11	2.61
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD12	11	2.61
(1,772)	1:873:A:LEU:HD13	1:920:A:LEU:HD13	11	2.61
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	15	2.61
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	15	2.61
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	15	2.61
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	15	2.61
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	15	2.61
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	15	2.61
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD11	9	2.61
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD12	9	2.61
(1,678)	1:898:A:GLU:HB2	1:926:A:LEU:HD13	9	2.61
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD11	9	2.61
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD12	9	2.61
(1,678)	1:898:A:GLU:HB3	1:926:A:LEU:HD13	9	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	1	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	1	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	1	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	1	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	1	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	1	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	1	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	1	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	1	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	9	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	9	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	9	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	9	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	9	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	9	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	9	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	9	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	9	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	10	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	10	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	10	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	10	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	10	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	10	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	10	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	10	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	10	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	13	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	13	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	13	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	13	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	13	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	13	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	13	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	13	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	13	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	20	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	20	2.61
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	20	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	20	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	20	2.61
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	20	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	20	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	20	2.61
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	20	2.61
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	15	2.61
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	15	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	1	2.61
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	19	2.61
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	19	2.61
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	19	2.61
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	12	2.61
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	12	2.61
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	12	2.61
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	18	2.61
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	18	2.61
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	18	2.61
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	12	2.61
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	12	2.61
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	12	2.61
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	12	2.61
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	12	2.61
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	12	2.61
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	7	2.61
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	7	2.61
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	7	2.61
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	7	2.61
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	7	2.61
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	7	2.61
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	7	2.61
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	7	2.61
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	7	2.61
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	8	2.61
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	8	2.61
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	8	2.61
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	8	2.61
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	8	2.61
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	8	2.61
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	8	2.61
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	8	2.61
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	8	2.61
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG21	12	2.61
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG22	12	2.61
(1,350)	1:854:A:ILE:HD11	1:897:A:ILE:HG23	12	2.61
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG21	12	2.61
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG22	12	2.61
(1,350)	1:854:A:ILE:HD12	1:897:A:ILE:HG23	12	2.61
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG21	12	2.61
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG22	12	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,350)	1:854:A:ILE:HD13	1:897:A:ILE:HG23	12	2.61
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	7	2.61
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	7	2.61
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	7	2.61
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	14	2.61
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	14	2.61
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	14	2.61
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	6	2.61
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	6	2.61
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	6	2.61
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	12	2.61
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	12	2.61
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	9	2.61
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	9	2.61
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	9	2.61
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	14	2.61
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	14	2.61
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	14	2.61
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	9	2.6
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	9	2.6
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	9	2.6
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	9	2.6
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	9	2.6
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	9	2.6
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	12	2.6
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	12	2.6
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	12	2.6
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	12	2.6
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	12	2.6
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	12	2.6
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	7	2.6
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	7	2.6
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	7	2.6
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	7	2.6
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	11	2.6
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	11	2.6
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	11	2.6
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	11	2.6
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	15	2.6
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	15	2.6
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	15	2.6
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	15	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	15	2.6
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	15	2.6
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	20	2.6
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	20	2.6
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	20	2.6
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	20	2.6
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	20	2.6
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	20	2.6
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	11	2.6
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	11	2.6
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	11	2.6
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	11	2.6
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	11	2.6
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	11	2.6
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	13	2.6
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	13	2.6
(1,3061)	1:809:A:PHE:HB2	1:840:A:PHE:HB3	19	2.6
(1,3061)	1:809:A:PHE:HB3	1:840:A:PHE:HB3	19	2.6
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	4	2.6
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	4	2.6
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	4	2.6
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	4	2.6
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	4	2.6
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	4	2.6
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	17	2.6
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	17	2.6
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	17	2.6
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	2	2.6
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	2	2.6
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	2	2.6
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	16	2.6
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	16	2.6
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	16	2.6
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	7	2.6
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	7	2.6
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	7	2.6
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	16	2.6
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	16	2.6
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	16	2.6
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	7	2.6
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	7	2.6
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	7	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	13	2.6
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	13	2.6
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	13	2.6
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	14	2.6
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	14	2.6
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	14	2.6
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	19	2.6
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	19	2.6
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	19	2.6
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	18	2.6
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	18	2.6
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	19	2.6
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	19	2.6
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	19	2.6
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	19	2.6
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	19	2.6
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	19	2.6
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	19	2.6
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	19	2.6
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	11	2.6
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	11	2.6
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	11	2.6
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	16	2.6
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	16	2.6
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	16	2.6
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	12	2.6
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	12	2.6
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	12	2.6
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	15	2.6
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	15	2.6
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	15	2.6
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	16	2.6
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	16	2.6
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	16	2.6
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	16	2.6
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	16	2.6
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	11	2.6
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	11	2.6
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	11	2.6
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	11	2.6
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	11	2.6
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	11	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	11	2.6
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	11	2.6
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	11	2.6
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	19	2.6
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	19	2.6
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	19	2.6
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	19	2.6
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	19	2.6
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	19	2.6
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	19	2.6
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	19	2.6
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	19	2.6
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	17	2.6
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	17	2.6
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	17	2.6
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	17	2.6
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	17	2.6
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	17	2.6
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	17	2.6
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	17	2.6
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	17	2.6
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	17	2.6
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	17	2.6
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	17	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	3	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	3	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	3	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	4	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	4	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	4	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	14	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	14	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	14	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	16	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	16	2.6
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	16	2.6
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	2	2.6
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	2	2.6
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	2	2.6
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	10	2.6
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	10	2.6
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	10	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD11	20	2.6
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD12	20	2.6
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD13	20	2.6
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD21	20	2.6
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD22	20	2.6
(1,364)	1:857:A:LEU:HA	1:857:A:LEU:HD23	20	2.6
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	19	2.6
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	19	2.6
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	19	2.6
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	19	2.6
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	19	2.6
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	19	2.6
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	19	2.6
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	19	2.6
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	19	2.6
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	20	2.6
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	20	2.6
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	20	2.6
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	6	2.6
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	6	2.6
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	6	2.6
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	6	2.6
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	6	2.6
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	6	2.6
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	11	2.6
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	11	2.6
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	11	2.6
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	19	2.6
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	6	2.59
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	6	2.59
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	6	2.59
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	6	2.59
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	6	2.59
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	6	2.59
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	2	2.59
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	2	2.59
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	4	2.59
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	4	2.59
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	4	2.59
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	4	2.59
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	4	2.59
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	4	2.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	7	2.59
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	7	2.59
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	7	2.59
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	7	2.59
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	4	2.59
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	4	2.59
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	4	2.59
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	4	2.59
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	19	2.59
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	19	2.59
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	19	2.59
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	19	2.59
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	12	2.59
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	12	2.59
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	12	2.59
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	12	2.59
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	12	2.59
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	12	2.59
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	17	2.59
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	17	2.59
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	17	2.59
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	17	2.59
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	17	2.59
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	17	2.59
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	14	2.59
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	14	2.59
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	14	2.59
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	14	2.59
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	18	2.59
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	18	2.59
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	17	2.59
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	17	2.59
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	9	2.59
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	9	2.59
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	9	2.59
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	9	2.59
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	9	2.59
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	9	2.59
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	16	2.59
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	16	2.59
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	16	2.59
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	16	2.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	16	2.59
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	16	2.59
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	5	2.59
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	5	2.59
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	5	2.59
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	5	2.59
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	5	2.59
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	5	2.59
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	2	2.59
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	2	2.59
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	4	2.59
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	4	2.59
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	4	2.59
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	4	2.59
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	4	2.59
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	4	2.59
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	9	2.59
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	9	2.59
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	9	2.59
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	9	2.59
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	9	2.59
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	9	2.59
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	14	2.59
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	14	2.59
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	12	2.59
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	12	2.59
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	12	2.59
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	12	2.59
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	1	2.59
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	1	2.59
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	1	2.59
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	3	2.59
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	3	2.59
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	3	2.59
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	12	2.59
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	12	2.59
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	12	2.59
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	1	2.59
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	1	2.59
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	1	2.59
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	9	2.59
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	9	2.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	9	2.59
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	6	2.59
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	6	2.59
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	6	2.59
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	18	2.59
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	18	2.59
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	18	2.59
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	7	2.59
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	7	2.59
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	7	2.59
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	20	2.59
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	20	2.59
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	20	2.59
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	4	2.59
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	4	2.59
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	4	2.59
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	4	2.59
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	4	2.59
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	4	2.59
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	4	2.59
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	4	2.59
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	4	2.59
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	5	2.59
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	5	2.59
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	5	2.59
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	5	2.59
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	5	2.59
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	5	2.59
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	5	2.59
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	5	2.59
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	5	2.59
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	15	2.59
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	15	2.59
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	15	2.59
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	15	2.59
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	15	2.59
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	15	2.59
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	15	2.59
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	15	2.59
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	15	2.59
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	16	2.59
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	16	2.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	16	2.59
(1,2616)	1:868:A:LEU:HD11	1:872:A:HIS:HE1	4	2.59
(1,2616)	1:868:A:LEU:HD12	1:872:A:HIS:HE1	4	2.59
(1,2616)	1:868:A:LEU:HD13	1:872:A:HIS:HE1	4	2.59
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	1	2.59
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	1	2.59
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	1	2.59
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	1	2.59
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	4	2.59
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	4	2.59
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	4	2.59
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	14	2.59
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	14	2.59
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	14	2.59
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	14	2.59
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	14	2.59
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	14	2.59
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	10	2.59
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	10	2.59
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	10	2.59
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	12	2.59
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	19	2.59
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	19	2.59
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	19	2.59
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	15	2.59
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	15	2.59
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	15	2.59
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	9	2.59
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	9	2.59
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	9	2.59
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	11	2.59
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	11	2.59
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	11	2.59
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	11	2.59
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	11	2.59
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	11	2.59
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	11	2.59
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	11	2.59
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	11	2.59
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	1	2.59
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	1	2.59
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	1	2.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	10	2.59
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	10	2.59
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	10	2.59
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	10	2.59
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	10	2.59
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	10	2.59
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	10	2.59
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	10	2.59
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	10	2.59
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	14	2.59
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	14	2.59
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	14	2.59
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	14	2.59
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	14	2.59
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	14	2.59
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	14	2.59
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	14	2.59
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	14	2.59
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	8	2.59
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	8	2.59
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	8	2.59
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	8	2.59
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	18	2.59
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	18	2.59
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	18	2.59
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	18	2.59
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	13	2.59
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	13	2.59
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	13	2.59
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	13	2.59
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	13	2.59
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	13	2.59
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	5	2.59
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	5	2.59
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	5	2.59
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	12	2.59
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	12	2.59
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	12	2.59
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	13	2.59
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	13	2.59
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	13	2.59
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	15	2.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	15	2.59
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	15	2.59
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	3	2.59
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	3	2.59
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	3	2.59
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	3	2.59
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	11	2.59
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	11	2.59
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	11	2.59
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	18	2.59
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	18	2.59
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	18	2.59
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	6	2.59
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	6	2.59
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	14	2.59
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	14	2.59
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	14	2.59
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	8	2.59
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	8	2.59
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	8	2.59
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	9	2.59
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	9	2.59
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	9	2.59
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	9	2.59
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	9	2.59
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	9	2.59
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	9	2.59
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	9	2.59
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	9	2.59
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	11	2.59
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	11	2.59
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	11	2.59
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	11	2.59
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	11	2.59
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	11	2.59
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	11	2.59
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	11	2.59
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	11	2.59
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	16	2.59
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	16	2.59
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	16	2.59
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	16	2.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	16	2.59
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	16	2.59
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	16	2.59
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	16	2.59
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	16	2.59
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	17	2.59
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	17	2.59
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	17	2.59
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	9	2.59
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	9	2.59
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	9	2.59
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	12	2.59
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	16	2.59
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	9	2.59
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	9	2.59
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	9	2.59
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	15	2.59
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	15	2.59
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	15	2.59
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	19	2.59
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	19	2.59
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	5	2.58
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	5	2.58
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	5	2.58
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	5	2.58
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	5	2.58
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	5	2.58
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	19	2.58
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	19	2.58
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	19	2.58
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	19	2.58
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	19	2.58
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	19	2.58
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	3	2.58
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	3	2.58
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	12	2.58
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	12	2.58
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	12	2.58
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	12	2.58
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	13	2.58
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	13	2.58
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	13	2.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	13	2.58
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	11	2.58
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	11	2.58
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	15	2.58
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	15	2.58
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	15	2.58
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	15	2.58
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	15	2.58
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	15	2.58
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	18	2.58
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	18	2.58
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	18	2.58
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	18	2.58
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	18	2.58
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	18	2.58
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	2	2.58
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	2	2.58
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	2	2.58
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	2	2.58
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	16	2.58
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	15	2.58
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	15	2.58
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	15	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	10	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	10	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	10	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	18	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	18	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	18	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	19	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	19	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	19	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	20	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	20	2.58
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	20	2.58
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	16	2.58
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	16	2.58
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	16	2.58
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	19	2.58
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	19	2.58
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	19	2.58
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	4	2.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	4	2.58
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	4	2.58
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	2	2.58
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	2	2.58
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	2	2.58
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	12	2.58
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	12	2.58
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	12	2.58
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	20	2.58
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	20	2.58
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	20	2.58
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	20	2.58
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	20	2.58
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	20	2.58
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	20	2.58
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	20	2.58
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	20	2.58
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	17	2.58
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	17	2.58
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	17	2.58
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	17	2.58
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	17	2.58
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	17	2.58
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	17	2.58
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	17	2.58
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	17	2.58
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	16	2.58
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	16	2.58
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	16	2.58
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	7	2.58
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	4	2.58
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	4	2.58
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	4	2.58
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	4	2.58
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	4	2.58
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	4	2.58
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	5	2.58
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	5	2.58
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	12	2.58
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	12	2.58
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	11	2.58
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	11	2.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	11	2.58
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	11	2.58
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	11	2.58
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	11	2.58
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	5	2.58
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	5	2.58
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	5	2.58
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	5	2.58
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	5	2.58
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	5	2.58
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	7	2.58
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	7	2.58
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	7	2.58
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	7	2.58
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	7	2.58
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	7	2.58
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	7	2.58
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	7	2.58
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	7	2.58
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	7	2.58
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	7	2.58
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	7	2.58
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD23	19	2.58
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD21	19	2.58
(1,2317)	1:809:A:PHE:HZ	1:853:A:LEU:HD22	19	2.58
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	2	2.58
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	2	2.58
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	2	2.58
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	7	2.58
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	7	2.58
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	7	2.58
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	4	2.58
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	19	2.58
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	19	2.58
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	19	2.58
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	10	2.58
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	14	2.58
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	14	2.58
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	4	2.58
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	4	2.58
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	4	2.58
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	15	2.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	15	2.58
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	15	2.58
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	17	2.58
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	17	2.58
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	17	2.58
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	3	2.58
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	10	2.58
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	10	2.58
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	10	2.58
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	16	2.58
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	16	2.58
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	16	2.58
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	20	2.58
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	20	2.58
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	20	2.58
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	12	2.58
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	11	2.58
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	11	2.58
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	11	2.58
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	11	2.58
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	11	2.58
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	11	2.58
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	15	2.58
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	15	2.58
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	15	2.58
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	20	2.58
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	20	2.58
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	20	2.58
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	20	2.58
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	20	2.58
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	20	2.58
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	20	2.58
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	20	2.58
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	20	2.58
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	20	2.58
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	9	2.58
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	9	2.58
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	20	2.58
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	20	2.58
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	2	2.58
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	2	2.58
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	2	2.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	4	2.58
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	9	2.58
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	10	2.58
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	6	2.58
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	6	2.58
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	6	2.58
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	6	2.58
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	6	2.58
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	6	2.58
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	12	2.58
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	12	2.58
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	3	2.58
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	3	2.58
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	3	2.58
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	3	2.58
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	3	2.58
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	3	2.58
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	3	2.58
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	3	2.58
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	3	2.58
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	5	2.58
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	5	2.58
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	5	2.58
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	5	2.58
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	5	2.58
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	5	2.58
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	5	2.58
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	5	2.58
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	5	2.58
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	15	2.58
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	15	2.58
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	15	2.58
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	9	2.58
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	9	2.58
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	9	2.58
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	9	2.58
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	9	2.58
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	9	2.58
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	8	2.58
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	8	2.58
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	8	2.58
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	17	2.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	17	2.58
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	17	2.58
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	2	2.58
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	2	2.58
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	2	2.58
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	6	2.58
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	6	2.58
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	6	2.58
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	12	2.58
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	12	2.58
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	12	2.58
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	6	2.58
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	11	2.58
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	11	2.58
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	11	2.58
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	15	2.57
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	15	2.57
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	15	2.57
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	15	2.57
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	15	2.57
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	15	2.57
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	7	2.57
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	7	2.57
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	7	2.57
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	7	2.57
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	7	2.57
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	7	2.57
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	17	2.57
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	17	2.57
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	17	2.57
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	17	2.57
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	17	2.57
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	17	2.57
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	14	2.57
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	14	2.57
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	2	2.57
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	2	2.57
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	2	2.57
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	2	2.57
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	3	2.57
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	3	2.57
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	3	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	3	2.57
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	18	2.57
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	18	2.57
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	18	2.57
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	18	2.57
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	14	2.57
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	14	2.57
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	14	2.57
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	14	2.57
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	5	2.57
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	5	2.57
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	5	2.57
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	5	2.57
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	4	2.57
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	4	2.57
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	4	2.57
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	4	2.57
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	4	2.57
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	4	2.57
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	14	2.57
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	14	2.57
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	15	2.57
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	15	2.57
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	15	2.57
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	15	2.57
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	16	2.57
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	16	2.57
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	16	2.57
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	16	2.57
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	9	2.57
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	9	2.57
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	9	2.57
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	16	2.57
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	16	2.57
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	16	2.57
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	19	2.57
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	19	2.57
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	19	2.57
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	17	2.57
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	17	2.57
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	17	2.57
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	20	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	20	2.57
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	20	2.57
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	6	2.57
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	6	2.57
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	6	2.57
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	20	2.57
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	20	2.57
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	20	2.57
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	3	2.57
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	3	2.57
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	3	2.57
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	7	2.57
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	7	2.57
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	7	2.57
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	8	2.57
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	8	2.57
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	8	2.57
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	14	2.57
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	14	2.57
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	14	2.57
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	7	2.57
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	7	2.57
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	7	2.57
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	7	2.57
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	7	2.57
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	7	2.57
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	7	2.57
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	7	2.57
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	7	2.57
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	9	2.57
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	9	2.57
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	9	2.57
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	9	2.57
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	9	2.57
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	9	2.57
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	9	2.57
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	9	2.57
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	9	2.57
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	14	2.57
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	14	2.57
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	14	2.57
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	14	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	14	2.57
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	14	2.57
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	14	2.57
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	14	2.57
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	14	2.57
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	7	2.57
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	7	2.57
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	7	2.57
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	7	2.57
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	7	2.57
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	7	2.57
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	7	2.57
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	7	2.57
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	7	2.57
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	16	2.57
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	16	2.57
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	16	2.57
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	16	2.57
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	16	2.57
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	16	2.57
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	16	2.57
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	16	2.57
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	16	2.57
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	10	2.57
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	10	2.57
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	10	2.57
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	10	2.57
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	10	2.57
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	10	2.57
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	10	2.57
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	10	2.57
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	10	2.57
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	7	2.57
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	7	2.57
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	7	2.57
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	3	2.57
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	3	2.57
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	3	2.57
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	3	2.57
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	3	2.57
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	3	2.57
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	5	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	5	2.57
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	5	2.57
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	20	2.57
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	20	2.57
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	20	2.57
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	2	2.57
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	2	2.57
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	2	2.57
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	20	2.57
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	20	2.57
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	20	2.57
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	10	2.57
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	10	2.57
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	10	2.57
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	16	2.57
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	19	2.57
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	19	2.57
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	19	2.57
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	2	2.57
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	2	2.57
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	2	2.57
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	18	2.57
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	18	2.57
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	18	2.57
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	15	2.57
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	15	2.57
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	15	2.57
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	17	2.57
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	17	2.57
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	17	2.57
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	20	2.57
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	20	2.57
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	20	2.57
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	12	2.57
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	12	2.57
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	12	2.57
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	12	2.57
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	12	2.57
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	12	2.57
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	5	2.57
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	5	2.57
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	5	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	5	2.57
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	5	2.57
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	5	2.57
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	5	2.57
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	5	2.57
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	5	2.57
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	5	2.57
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	5	2.57
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	5	2.57
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	5	2.57
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	5	2.57
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	5	2.57
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	12	2.57
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	12	2.57
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	12	2.57
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	12	2.57
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	12	2.57
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	12	2.57
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	12	2.57
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	12	2.57
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	12	2.57
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	18	2.57
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	18	2.57
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	18	2.57
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	18	2.57
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	18	2.57
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	18	2.57
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	18	2.57
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	18	2.57
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	18	2.57
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	6	2.57
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	6	2.57
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	6	2.57
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	8	2.57
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	8	2.57
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	8	2.57
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	13	2.57
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	13	2.57
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	13	2.57
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	13	2.57
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD11	5	2.57
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD12	5	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,469)	1:873:A:LEU:HB2	1:920:A:LEU:HD13	5	2.57
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	5	2.57
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	5	2.57
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	3	2.57
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	3	2.57
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	16	2.57
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	16	2.57
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	20	2.57
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	20	2.57
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	20	2.57
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	20	2.57
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	20	2.57
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	20	2.57
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	20	2.57
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	20	2.57
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	20	2.57
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	6	2.57
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	6	2.57
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	6	2.57
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	2	2.57
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	2	2.57
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	2	2.57
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	8	2.57
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	8	2.57
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	8	2.57
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	20	2.57
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	20	2.57
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	20	2.57
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	16	2.57
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	16	2.57
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	16	2.57
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	16	2.57
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	16	2.57
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	16	2.57
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	16	2.57
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	16	2.57
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	16	2.57
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	18	2.57
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	18	2.57
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	18	2.57
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	4	2.57
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	8	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	8	2.57
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	8	2.57
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	13	2.56
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	13	2.56
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	7	2.56
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	7	2.56
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	7	2.56
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	7	2.56
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	7	2.56
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	7	2.56
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	7	2.56
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	7	2.56
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	1	2.56
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	1	2.56
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	1	2.56
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	1	2.56
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	4	2.56
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	4	2.56
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	4	2.56
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	4	2.56
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	7	2.56
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	7	2.56
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	7	2.56
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	7	2.56
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	7	2.56
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	7	2.56
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	8	2.56
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	8	2.56
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	14	2.56
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	14	2.56
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	14	2.56
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	14	2.56
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	14	2.56
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	14	2.56
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	10	2.56
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	10	2.56
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	10	2.56
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	10	2.56
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	10	2.56
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	10	2.56
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	18	2.56
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	18	2.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	2	2.56
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	2	2.56
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	2	2.56
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	2	2.56
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	7	2.56
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	7	2.56
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	7	2.56
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	7	2.56
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	7	2.56
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	7	2.56
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	11	2.56
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	11	2.56
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	1	2.56
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	1	2.56
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	1	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	5	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	5	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	5	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	8	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	8	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	8	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	14	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	14	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	14	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	17	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	17	2.56
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	17	2.56
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	7	2.56
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	7	2.56
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	7	2.56
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	3	2.56
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	3	2.56
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	3	2.56
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	12	2.56
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	12	2.56
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	12	2.56
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	4	2.56
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	4	2.56
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	4	2.56
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	13	2.56
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	13	2.56
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	13	2.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	13	2.56
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	13	2.56
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	13	2.56
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	13	2.56
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	13	2.56
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	13	2.56
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD11	13	2.56
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD12	13	2.56
(1,2837)	1:813:A:ILE:HD11	1:829:A:LEU:HD13	13	2.56
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD11	13	2.56
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD12	13	2.56
(1,2837)	1:813:A:ILE:HD12	1:829:A:LEU:HD13	13	2.56
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD11	13	2.56
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD12	13	2.56
(1,2837)	1:813:A:ILE:HD13	1:829:A:LEU:HD13	13	2.56
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	15	2.56
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	15	2.56
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	15	2.56
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	15	2.56
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	15	2.56
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	15	2.56
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	15	2.56
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	15	2.56
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	15	2.56
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	9	2.56
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	9	2.56
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	9	2.56
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	9	2.56
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	9	2.56
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	9	2.56
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	9	2.56
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	9	2.56
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	9	2.56
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	14	2.56
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	14	2.56
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	14	2.56
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	17	2.56
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	17	2.56
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	17	2.56
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	17	2.56
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	17	2.56
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	17	2.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	3	2.56
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	3	2.56
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	3	2.56
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	3	2.56
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	5	2.56
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	5	2.56
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	5	2.56
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	5	2.56
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	18	2.56
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	18	2.56
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	18	2.56
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	18	2.56
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	14	2.56
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	14	2.56
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	14	2.56
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	19	2.56
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	19	2.56
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	11	2.56
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	11	2.56
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	13	2.56
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	13	2.56
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	13	2.56
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	13	2.56
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	13	2.56
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	13	2.56
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	10	2.56
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	10	2.56
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	10	2.56
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	10	2.56
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	10	2.56
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	10	2.56
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	9	2.56
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	9	2.56
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	9	2.56
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	9	2.56
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	9	2.56
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	9	2.56
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	18	2.56
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	18	2.56
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	18	2.56
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	1	2.56
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	1	2.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	1	2.56
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	2	2.56
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	2	2.56
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	2	2.56
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	2	2.56
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	2	2.56
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	2	2.56
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	16	2.56
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	16	2.56
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	16	2.56
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	20	2.56
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	6	2.56
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	6	2.56
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	6	2.56
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	3	2.56
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	3	2.56
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	3	2.56
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	13	2.56
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	13	2.56
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	13	2.56
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	17	2.56
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	3	2.56
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	3	2.56
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	3	2.56
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	16	2.56
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	16	2.56
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	16	2.56
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	15	2.56
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	15	2.56
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	15	2.56
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	4	2.56
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	4	2.56
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	4	2.56
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	4	2.56
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	4	2.56
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	4	2.56
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	4	2.56
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	4	2.56
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	4	2.56
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	17	2.56
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	17	2.56
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	17	2.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	17	2.56
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	17	2.56
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	17	2.56
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	17	2.56
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	17	2.56
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	17	2.56
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	8	2.56
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	8	2.56
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	8	2.56
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	9	2.56
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	9	2.56
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	9	2.56
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	2	2.56
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	11	2.56
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD12	7	2.56
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD13	7	2.56
(1,563)	1:883:A:LYS:HA	1:886:A:LEU:HD11	7	2.56
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	15	2.56
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	15	2.56
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	15	2.56
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	4	2.56
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	4	2.56
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	4	2.56
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	4	2.56
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	4	2.56
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	4	2.56
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	4	2.56
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	4	2.56
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	4	2.56
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	9	2.56
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	9	2.56
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	9	2.56
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	14	2.56
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	14	2.56
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	14	2.56
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	3	2.56
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	3	2.56
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	3	2.56
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	14	2.56
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	14	2.56
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	14	2.56
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	19	2.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	19	2.56
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	19	2.56
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD11	10	2.56
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD12	10	2.56
(1,178)	1:812:A:ILE:HB	1:828:A:LEU:HD13	10	2.56
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB2	16	2.56
(1,171)	1:824:A:ALA:HB1	1:827:A:HIS:HB3	16	2.56
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB2	16	2.56
(1,171)	1:824:A:ALA:HB2	1:827:A:HIS:HB3	16	2.56
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB2	16	2.56
(1,171)	1:824:A:ALA:HB3	1:827:A:HIS:HB3	16	2.56
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	1	2.56
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	1	2.56
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	1	2.56
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	4	2.56
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	4	2.56
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	4	2.56
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	5	2.56
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	5	2.56
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	5	2.56
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	9	2.56
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	9	2.56
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	10	2.55
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	10	2.55
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	17	2.55
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	17	2.55
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	17	2.55
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	17	2.55
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	17	2.55
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	17	2.55
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	2	2.55
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	2	2.55
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	2	2.55
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	2	2.55
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	2	2.55
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	2	2.55
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	6	2.55
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	6	2.55
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	6	2.55
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	6	2.55
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	14	2.55
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	14	2.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	14	2.55
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	14	2.55
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	6	2.55
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	6	2.55
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	6	2.55
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	6	2.55
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	6	2.55
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	6	2.55
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	4	2.55
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	4	2.55
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	4	2.55
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	4	2.55
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	14	2.55
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	14	2.55
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	14	2.55
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	14	2.55
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	14	2.55
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	14	2.55
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	6	2.55
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	6	2.55
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	6	2.55
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	6	2.55
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	6	2.55
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	6	2.55
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	6	2.55
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	6	2.55
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	6	2.55
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	6	2.55
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	11	2.55
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	11	2.55
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	11	2.55
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	11	2.55
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	11	2.55
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	11	2.55
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	9	2.55
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	9	2.55
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	9	2.55
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	9	2.55
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	4	2.55
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	4	2.55
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	4	2.55
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	14	2.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	14	2.55
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	14	2.55
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	19	2.55
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	19	2.55
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	19	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	4	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	4	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	4	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	6	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	6	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	6	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	13	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	13	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	13	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	15	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	15	2.55
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	15	2.55
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	2	2.55
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	2	2.55
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	2	2.55
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	14	2.55
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	14	2.55
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	14	2.55
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	15	2.55
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	15	2.55
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	15	2.55
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	15	2.55
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	15	2.55
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	15	2.55
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	15	2.55
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	15	2.55
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	15	2.55
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	19	2.55
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	19	2.55
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	19	2.55
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	19	2.55
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	19	2.55
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	19	2.55
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	19	2.55
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	19	2.55
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	19	2.55
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	9	2.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	9	2.55
(1,2809)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	9	2.55
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	8	2.55
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	8	2.55
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	8	2.55
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	8	2.55
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	8	2.55
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	8	2.55
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	8	2.55
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	8	2.55
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	8	2.55
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	6	2.55
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	6	2.55
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	6	2.55
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	6	2.55
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	6	2.55
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	6	2.55
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	6	2.55
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	6	2.55
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	6	2.55
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	20	2.55
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	20	2.55
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	20	2.55
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	20	2.55
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	20	2.55
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	20	2.55
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	20	2.55
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	20	2.55
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	20	2.55
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	2	2.55
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	2	2.55
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	2	2.55
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	10	2.55
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	10	2.55
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	10	2.55
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	10	2.55
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	10	2.55
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	10	2.55
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	10	2.55
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	12	2.55
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	12	2.55
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	12	2.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	13	2.55
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	13	2.55
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	13	2.55
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	16	2.55
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	16	2.55
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	16	2.55
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	7	2.55
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	7	2.55
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	7	2.55
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	7	2.55
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	13	2.55
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	13	2.55
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	12	2.55
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	12	2.55
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	6	2.55
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	6	2.55
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	6	2.55
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	6	2.55
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	6	2.55
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	6	2.55
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	8	2.55
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	8	2.55
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	8	2.55
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	8	2.55
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	8	2.55
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	8	2.55
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	15	2.55
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	15	2.55
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	15	2.55
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	15	2.55
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	15	2.55
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	15	2.55
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	9	2.55
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	9	2.55
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	9	2.55
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	10	2.55
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	10	2.55
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	10	2.55
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	18	2.55
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	18	2.55
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	18	2.55
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	11	2.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	11	2.55
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	7	2.55
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	7	2.55
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	7	2.55
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	14	2.55
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	14	2.55
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	14	2.55
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	19	2.55
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	19	2.55
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	19	2.55
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	1	2.55
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	1	2.55
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	1	2.55
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	1	2.55
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	1	2.55
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	1	2.55
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	1	2.55
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	1	2.55
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	1	2.55
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	4	2.55
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	4	2.55
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	4	2.55
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	4	2.55
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	4	2.55
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	4	2.55
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	4	2.55
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	4	2.55
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	4	2.55
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	19	2.55
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	19	2.55
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	19	2.55
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	19	2.55
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	19	2.55
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	19	2.55
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	19	2.55
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	19	2.55
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	19	2.55
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	2	2.55
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	2	2.55
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	2	2.55
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	2	2.55
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	15	2.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	15	2.55
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	15	2.55
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	15	2.55
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	16	2.55
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	16	2.55
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	4	2.55
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	4	2.55
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	4	2.55
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	5	2.55
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	5	2.55
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	5	2.55
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	5	2.55
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	15	2.55
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	15	2.55
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	15	2.55
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	15	2.55
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	8	2.55
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	8	2.55
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	8	2.55
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	6	2.55
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	6	2.55
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	6	2.55
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	6	2.55
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	6	2.55
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	6	2.55
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	6	2.55
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	6	2.55
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	6	2.55
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	14	2.55
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	14	2.55
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	14	2.55
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	14	2.55
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	14	2.55
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	14	2.55
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	14	2.55
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	14	2.55
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	14	2.55
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	3	2.55
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	3	2.55
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	3	2.55
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	13	2.55
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	13	2.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	13	2.55
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	7	2.55
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	7	2.55
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	7	2.55
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	10	2.55
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	10	2.55
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	10	2.55
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	4	2.55
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	10	2.55
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	10	2.55
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	10	2.55
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	15	2.55
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	15	2.55
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	15	2.55
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	18	2.55
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	18	2.55
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	18	2.55
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	11	2.55
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	9	2.54
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	9	2.54
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	14	2.54
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	14	2.54
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	7	2.54
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	7	2.54
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	7	2.54
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	7	2.54
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	7	2.54
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	7	2.54
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	6	2.54
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	6	2.54
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	6	2.54
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	6	2.54
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	6	2.54
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	6	2.54
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	8	2.54
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	8	2.54
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	8	2.54
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	8	2.54
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	7	2.54
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	7	2.54
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	4	2.54
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	4	2.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	4	2.54
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	4	2.54
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	4	2.54
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	4	2.54
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	4	2.54
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	4	2.54
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	4	2.54
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	4	2.54
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	4	2.54
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	4	2.54
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	8	2.54
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	8	2.54
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	8	2.54
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	8	2.54
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	12	2.54
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	12	2.54
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	12	2.54
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	12	2.54
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	12	2.54
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	12	2.54
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	6	2.54
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	6	2.54
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	6	2.54
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	6	2.54
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	6	2.54
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	6	2.54
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	8	2.54
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	8	2.54
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	8	2.54
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	8	2.54
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	8	2.54
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	8	2.54
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	5	2.54
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	5	2.54
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	5	2.54
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	5	2.54
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	5	2.54
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	5	2.54
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	10	2.54
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	10	2.54
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	10	2.54
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	10	2.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	10	2.54
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	10	2.54
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	12	2.54
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	12	2.54
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	12	2.54
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	12	2.54
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	3	2.54
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	3	2.54
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	3	2.54
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	3	2.54
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	6	2.54
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	6	2.54
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	6	2.54
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	6	2.54
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	6	2.54
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	6	2.54
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	11	2.54
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	11	2.54
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	11	2.54
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	11	2.54
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	11	2.54
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	11	2.54
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	20	2.54
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	20	2.54
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	20	2.54
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	20	2.54
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	20	2.54
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	20	2.54
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	15	2.54
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	15	2.54
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	3	2.54
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	3	2.54
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	3	2.54
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	20	2.54
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	3	2.54
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	6	2.54
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	6	2.54
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	6	2.54
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	4	2.54
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	4	2.54
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	4	2.54
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	10	2.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	10	2.54
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	10	2.54
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	9	2.54
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	9	2.54
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	9	2.54
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	6	2.54
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	6	2.54
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	6	2.54
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	12	2.54
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	12	2.54
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	12	2.54
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	12	2.54
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	12	2.54
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	12	2.54
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	12	2.54
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	12	2.54
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	12	2.54
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	3	2.54
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	3	2.54
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	3	2.54
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	6	2.54
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	6	2.54
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	6	2.54
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	6	2.54
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	6	2.54
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	6	2.54
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	7	2.54
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	7	2.54
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	7	2.54
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	7	2.54
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	7	2.54
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	7	2.54
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	9	2.54
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	9	2.54
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	9	2.54
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	16	2.54
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	3	2.54
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	3	2.54
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	20	2.54
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	20	2.54
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	20	2.54
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	20	2.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	20	2.54
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	20	2.54
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	5	2.54
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	5	2.54
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	5	2.54
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	5	2.54
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	5	2.54
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	5	2.54
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	18	2.54
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	18	2.54
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	18	2.54
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	18	2.54
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	18	2.54
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	18	2.54
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	19	2.54
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	19	2.54
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	19	2.54
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	19	2.54
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	19	2.54
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	19	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	5	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	5	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	5	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	5	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	5	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	5	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	6	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	6	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	6	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	6	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	6	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	6	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	15	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	15	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	15	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	15	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	15	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	15	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	17	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	17	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	17	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	17	2.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	17	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	17	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	20	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	20	2.54
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	20	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	20	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	20	2.54
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	20	2.54
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	6	2.54
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	6	2.54
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	6	2.54
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	18	2.54
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	18	2.54
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	18	2.54
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	5	2.54
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	5	2.54
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	5	2.54
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	8	2.54
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	8	2.54
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	8	2.54
(1,823)	1:816:A:LEU:HD12	1:825:A:CYS:HA	10	2.54
(1,823)	1:816:A:LEU:HD13	1:825:A:CYS:HA	10	2.54
(1,823)	1:816:A:LEU:HD11	1:825:A:CYS:HA	10	2.54
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	3	2.54
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	3	2.54
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	3	2.54
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	6	2.54
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	6	2.54
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	19	2.54
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	19	2.54
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	19	2.54
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	2	2.54
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	2	2.54
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	2	2.54
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	2	2.54
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	2	2.54
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	2	2.54
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	2	2.54
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	2	2.54
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	2	2.54
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	1	2.54
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	1	2.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	1	2.54
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	1	2.54
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	6	2.54
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	6	2.54
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	6	2.54
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	6	2.54
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	14	2.54
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	17	2.54
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	17	2.54
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	17	2.54
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	17	2.54
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	17	2.54
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	17	2.54
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	20	2.54
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	20	2.54
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	20	2.54
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	14	2.54
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	14	2.54
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	14	2.54
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	14	2.54
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	20	2.54
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	20	2.54
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	20	2.54
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	20	2.54
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	14	2.54
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	14	2.54
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	14	2.54
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	12	2.54
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	12	2.54
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	8	2.54
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	8	2.54
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	8	2.54
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	20	2.54
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	20	2.54
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	20	2.54
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	4	2.54
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	4	2.54
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	4	2.54
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	4	2.54
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	4	2.54
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	4	2.54
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	4	2.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	4	2.54
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	4	2.54
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	16	2.54
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	16	2.54
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	16	2.54
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	20	2.54
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	20	2.54
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	20	2.54
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	10	2.54
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	10	2.54
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	10	2.54
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	8	2.54
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	8	2.54
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	13	2.54
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	18	2.53
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	18	2.53
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	18	2.53
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	18	2.53
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	18	2.53
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	18	2.53
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	12	2.53
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	12	2.53
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	12	2.53
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	12	2.53
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	12	2.53
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	12	2.53
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	14	2.53
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	14	2.53
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	14	2.53
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	14	2.53
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	14	2.53
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	14	2.53
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	14	2.53
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	14	2.53
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	6	2.53
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	6	2.53
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	6	2.53
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	6	2.53
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	6	2.53
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	6	2.53
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	17	2.53
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	17	2.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	17	2.53
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	17	2.53
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	17	2.53
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	17	2.53
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	19	2.53
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	19	2.53
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	19	2.53
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	19	2.53
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	19	2.53
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	19	2.53
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	1	2.53
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	1	2.53
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	1	2.53
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	1	2.53
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	1	2.53
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	1	2.53
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	18	2.53
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	18	2.53
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	19	2.53
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	19	2.53
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	10	2.53
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	10	2.53
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	10	2.53
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	10	2.53
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	10	2.53
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	10	2.53
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	13	2.53
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	13	2.53
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	13	2.53
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	13	2.53
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	13	2.53
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	13	2.53
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	17	2.53
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	17	2.53
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	17	2.53
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	17	2.53
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	8	2.53
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	8	2.53
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	8	2.53
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	8	2.53
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	9	2.53
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	9	2.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	9	2.53
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	9	2.53
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	14	2.53
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	14	2.53
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	14	2.53
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	14	2.53
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	14	2.53
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	14	2.53
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	16	2.53
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	16	2.53
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	16	2.53
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	11	2.53
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	11	2.53
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	11	2.53
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	1	2.53
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	1	2.53
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	1	2.53
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	1	2.53
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	1	2.53
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	1	2.53
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	1	2.53
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	1	2.53
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	1	2.53
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	16	2.53
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	16	2.53
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	16	2.53
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	16	2.53
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	16	2.53
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	16	2.53
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	16	2.53
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	16	2.53
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	16	2.53
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	16	2.53
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	16	2.53
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	16	2.53
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	16	2.53
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	16	2.53
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	16	2.53
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	16	2.53
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	16	2.53
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	16	2.53
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD21	15	2.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD22	15	2.53
(1,2804)	1:828:A:LEU:HD11	1:829:A:LEU:HD23	15	2.53
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD21	15	2.53
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD22	15	2.53
(1,2804)	1:828:A:LEU:HD12	1:829:A:LEU:HD23	15	2.53
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD21	15	2.53
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD22	15	2.53
(1,2804)	1:828:A:LEU:HD13	1:829:A:LEU:HD23	15	2.53
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	8	2.53
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	8	2.53
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	8	2.53
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	8	2.53
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	8	2.53
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	8	2.53
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	8	2.53
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	8	2.53
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	8	2.53
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	11	2.53
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	11	2.53
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	11	2.53
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	17	2.53
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	17	2.53
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	17	2.53
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	20	2.53
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	20	2.53
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	20	2.53
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	11	2.53
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	11	2.53
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	11	2.53
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	11	2.53
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	11	2.53
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	11	2.53
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	20	2.53
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	20	2.53
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	20	2.53
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	20	2.53
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	20	2.53
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	20	2.53
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	2	2.53
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	2	2.53
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	2	2.53
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	2	2.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	8	2.53
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	8	2.53
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	8	2.53
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	8	2.53
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	8	2.53
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	8	2.53
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	13	2.53
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	13	2.53
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	13	2.53
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	13	2.53
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	13	2.53
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	13	2.53
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	17	2.53
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	17	2.53
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	17	2.53
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	17	2.53
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	17	2.53
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	17	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	1	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	1	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	1	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	1	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	1	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	1	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	14	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	14	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	14	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	14	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	14	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	14	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	18	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	18	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	18	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	18	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	18	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	18	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	19	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	19	2.53
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	19	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	19	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	19	2.53
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	19	2.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	11	2.53
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	11	2.53
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	11	2.53
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	11	2.53
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	11	2.53
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	11	2.53
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	16	2.53
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	16	2.53
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	16	2.53
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	16	2.53
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	16	2.53
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	16	2.53
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	4	2.53
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	4	2.53
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	4	2.53
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	6	2.53
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	19	2.53
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	5	2.53
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	5	2.53
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	5	2.53
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	16	2.53
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	16	2.53
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	16	2.53
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	4	2.53
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	4	2.53
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	11	2.53
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	11	2.53
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	11	2.53
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	8	2.53
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	8	2.53
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	8	2.53
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	8	2.53
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	8	2.53
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	8	2.53
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	8	2.53
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	8	2.53
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	8	2.53
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	4	2.53
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	4	2.53
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	6	2.53
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	6	2.53
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	6	2.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	6	2.53
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	6	2.53
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	6	2.53
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	6	2.53
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	6	2.53
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	6	2.53
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	15	2.53
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	15	2.53
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	15	2.53
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	17	2.53
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	2	2.53
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	2	2.53
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	2	2.53
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	7	2.53
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	7	2.53
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	7	2.53
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	1	2.53
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	1	2.53
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	1	2.53
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	1	2.53
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	6	2.53
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	6	2.53
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	6	2.53
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	6	2.53
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	19	2.53
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	19	2.53
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	19	2.53
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	19	2.53
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	12	2.53
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	12	2.53
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	12	2.53
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	11	2.53
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	11	2.53
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	8	2.53
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	8	2.53
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	8	2.53
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	8	2.53
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	8	2.53
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	8	2.53
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	8	2.53
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	8	2.53
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	8	2.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	10	2.53
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	10	2.53
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	10	2.53
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	10	2.53
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	10	2.53
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	10	2.53
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	10	2.53
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	10	2.53
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	10	2.53
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	5	2.53
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	5	2.53
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	5	2.53
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	10	2.53
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	10	2.53
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	10	2.53
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	16	2.53
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	16	2.53
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	16	2.53
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	2	2.53
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	2	2.53
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	2	2.53
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	6	2.53
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	6	2.53
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	6	2.53
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	6	2.53
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	6	2.53
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	6	2.53
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	20	2.53
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	20	2.53
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	20	2.53
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	20	2.53
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	20	2.53
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	20	2.53
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	20	2.53
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	20	2.53
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	20	2.53
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	3	2.53
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	3	2.53
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	3	2.53
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	3	2.53
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	3	2.53
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	3	2.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	3	2.53
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	3	2.53
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	3	2.53
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	7	2.53
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	7	2.53
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	7	2.53
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	7	2.53
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	7	2.53
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	7	2.53
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	7	2.53
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	7	2.53
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	7	2.53
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	17	2.53
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	11	2.53
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	11	2.53
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	14	2.53
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	14	2.53
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	7	2.53
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	7	2.53
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	7	2.53
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	3	2.52
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	3	2.52
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	3	2.52
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	3	2.52
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	3	2.52
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	3	2.52
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	2	2.52
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	2	2.52
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	2	2.52
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	2	2.52
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	1	2.52
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	1	2.52
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	1	2.52
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	1	2.52
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	1	2.52
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	1	2.52
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	8	2.52
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	8	2.52
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	8	2.52
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	8	2.52
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	2	2.52
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	2	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	15	2.52
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	15	2.52
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	15	2.52
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	15	2.52
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	20	2.52
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	20	2.52
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	20	2.52
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	20	2.52
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	20	2.52
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	20	2.52
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	7	2.52
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	7	2.52
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	3	2.52
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	3	2.52
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	3	2.52
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	3	2.52
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	3	2.52
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	3	2.52
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	1	2.52
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	1	2.52
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	1	2.52
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	1	2.52
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	1	2.52
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	1	2.52
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	12	2.52
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	12	2.52
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	12	2.52
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	12	2.52
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	12	2.52
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	12	2.52
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	12	2.52
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	12	2.52
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	12	2.52
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	12	2.52
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	12	2.52
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	5	2.52
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	5	2.52
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	5	2.52
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	1	2.52
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	1	2.52
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	1	2.52
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	20	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	20	2.52
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	20	2.52
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	2	2.52
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	2	2.52
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	2	2.52
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	11	2.52
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	11	2.52
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	11	2.52
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	16	2.52
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	16	2.52
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	16	2.52
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	16	2.52
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	16	2.52
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	16	2.52
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	16	2.52
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	16	2.52
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	16	2.52
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	12	2.52
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	12	2.52
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	12	2.52
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	12	2.52
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	12	2.52
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	12	2.52
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	12	2.52
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	12	2.52
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	12	2.52
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	2	2.52
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	2	2.52
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	2	2.52
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	2	2.52
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	2	2.52
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	2	2.52
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	2	2.52
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	2	2.52
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	2	2.52
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	12	2.52
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	12	2.52
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	12	2.52
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	12	2.52
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	12	2.52
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	12	2.52
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	12	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	12	2.52
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	12	2.52
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	6	2.52
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	6	2.52
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	6	2.52
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	7	2.52
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	7	2.52
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	7	2.52
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	4	2.52
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	4	2.52
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	4	2.52
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	18	2.52
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	18	2.52
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	18	2.52
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	19	2.52
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	19	2.52
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	19	2.52
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	19	2.52
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	19	2.52
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	19	2.52
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	12	2.52
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	12	2.52
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	12	2.52
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	12	2.52
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	12	2.52
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	12	2.52
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	20	2.52
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	20	2.52
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	20	2.52
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	1	2.52
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	13	2.52
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	13	2.52
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	19	2.52
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	19	2.52
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	9	2.52
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	9	2.52
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	9	2.52
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	9	2.52
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	10	2.52
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	10	2.52
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	10	2.52
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	10	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	10	2.52
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	10	2.52
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	2	2.52
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	2	2.52
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	2	2.52
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	2	2.52
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	2	2.52
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	2	2.52
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	9	2.52
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	9	2.52
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	9	2.52
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	9	2.52
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	9	2.52
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	9	2.52
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	6	2.52
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	6	2.52
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	6	2.52
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	6	2.52
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	6	2.52
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	6	2.52
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	8	2.52
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	8	2.52
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	8	2.52
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	8	2.52
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	8	2.52
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	8	2.52
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	2	2.52
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	2	2.52
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	2	2.52
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	2	2.52
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	2	2.52
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	2	2.52
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	3	2.52
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	3	2.52
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	3	2.52
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	3	2.52
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	3	2.52
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	3	2.52
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	9	2.52
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	9	2.52
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	9	2.52
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	9	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	9	2.52
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	9	2.52
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	8	2.52
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	8	2.52
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	8	2.52
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	8	2.52
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	8	2.52
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	8	2.52
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	14	2.52
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	14	2.52
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	14	2.52
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	14	2.52
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	14	2.52
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	14	2.52
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	1	2.52
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	1	2.52
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	1	2.52
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	10	2.52
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	10	2.52
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	10	2.52
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	19	2.52
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	19	2.52
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	19	2.52
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	15	2.52
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	15	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	9	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	9	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	9	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	9	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	9	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	9	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	10	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	10	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	10	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	10	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	10	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	10	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	15	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	15	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	15	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	15	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	15	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	15	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	18	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	18	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	18	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	18	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	18	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	18	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	20	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	20	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	20	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	20	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	20	2.52
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	20	2.52
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	17	2.52
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	17	2.52
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	17	2.52
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	3	2.52
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	3	2.52
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	3	2.52
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	16	2.52
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	16	2.52
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	16	2.52
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	6	2.52
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	12	2.52
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	12	2.52
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	12	2.52
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	11	2.52
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	11	2.52
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	11	2.52
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	11	2.52
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	11	2.52
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	11	2.52
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	11	2.52
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	11	2.52
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	11	2.52
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	17	2.52
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	17	2.52
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	17	2.52
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	17	2.52
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	17	2.52
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	17	2.52
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	17	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	17	2.52
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	17	2.52
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	3	2.52
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	3	2.52
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	3	2.52
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	4	2.52
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	4	2.52
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	4	2.52
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	7	2.52
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	7	2.52
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	16	2.52
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	16	2.52
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	16	2.52
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	16	2.52
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	16	2.52
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	16	2.52
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	16	2.52
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	16	2.52
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	16	2.52
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	10	2.52
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	10	2.52
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	10	2.52
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	12	2.52
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	12	2.52
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	12	2.52
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	14	2.52
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	14	2.52
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	14	2.52
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	19	2.52
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	19	2.52
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	19	2.52
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	19	2.52
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	19	2.52
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	19	2.52
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	16	2.52
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	16	2.52
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	16	2.52
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	9	2.52
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	9	2.52
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	9	2.52
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	11	2.52
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	11	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	11	2.52
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	2	2.52
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	2	2.52
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	2	2.52
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	2	2.52
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	2	2.52
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	2	2.52
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	2	2.52
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	2	2.52
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	2	2.52
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	2	2.52
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	2	2.52
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	7	2.52
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	7	2.52
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	7	2.52
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	17	2.52
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	17	2.52
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	17	2.52
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	17	2.52
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	17	2.52
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	17	2.52
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	5	2.52
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	5	2.52
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	5	2.52
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	18	2.52
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	12	2.52
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	12	2.52
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	12	2.52
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	13	2.52
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	13	2.52
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	13	2.52
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	19	2.52
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	19	2.52
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	19	2.52
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	19	2.52
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	19	2.52
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	19	2.52
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	10	2.52
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	11	2.52
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	11	2.52
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	11	2.52
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	11	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	11	2.52
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	11	2.52
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	11	2.52
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	11	2.52
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	11	2.52
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	3	2.51
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	3	2.51
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	3	2.51
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	3	2.51
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	3	2.51
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	3	2.51
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	11	2.51
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	11	2.51
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	11	2.51
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	11	2.51
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	11	2.51
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	11	2.51
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	8	2.51
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	8	2.51
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	8	2.51
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	8	2.51
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	8	2.51
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	8	2.51
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	13	2.51
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	13	2.51
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	13	2.51
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	13	2.51
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	13	2.51
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	13	2.51
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	6	2.51
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	6	2.51
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	9	2.51
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	9	2.51
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	1	2.51
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	1	2.51
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	4	2.51
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	4	2.51
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	2	2.51
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	2	2.51
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	2	2.51
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	2	2.51
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	2	2.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	2	2.51
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	16	2.51
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	16	2.51
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	7	2.51
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	7	2.51
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	7	2.51
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	7	2.51
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	7	2.51
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	7	2.51
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	8	2.51
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	8	2.51
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	8	2.51
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	8	2.51
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	8	2.51
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	8	2.51
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	6	2.51
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	6	2.51
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	6	2.51
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	6	2.51
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	6	2.51
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	6	2.51
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	7	2.51
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	7	2.51
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	7	2.51
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	7	2.51
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	7	2.51
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	7	2.51
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	10	2.51
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	10	2.51
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	10	2.51
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	10	2.51
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	10	2.51
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	10	2.51
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	5	2.51
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	5	2.51
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	5	2.51
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	5	2.51
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	17	2.51
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	17	2.51
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	17	2.51
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	17	2.51
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	17	2.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	17	2.51
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	17	2.51
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	17	2.51
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	16	2.51
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	10	2.51
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	10	2.51
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	10	2.51
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	20	2.51
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	20	2.51
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	20	2.51
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	8	2.51
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	8	2.51
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	8	2.51
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD21	12	2.51
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD22	12	2.51
(1,2894)	1:798:A:LEU:HA	1:798:A:LEU:HD23	12	2.51
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	6	2.51
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	6	2.51
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	6	2.51
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	20	2.51
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	20	2.51
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	20	2.51
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	4	2.51
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	4	2.51
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	4	2.51
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	4	2.51
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	4	2.51
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	4	2.51
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	4	2.51
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	4	2.51
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	4	2.51
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	20	2.51
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	20	2.51
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	20	2.51
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	20	2.51
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	20	2.51
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	20	2.51
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	20	2.51
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	20	2.51
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	20	2.51
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	2	2.51
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	2	2.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	2	2.51
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	12	2.51
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	12	2.51
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	12	2.51
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	8	2.51
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	8	2.51
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	8	2.51
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	3	2.51
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	3	2.51
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	3	2.51
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	8	2.51
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	8	2.51
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	8	2.51
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	13	2.51
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	13	2.51
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	13	2.51
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	15	2.51
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	15	2.51
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	15	2.51
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	2	2.51
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	2	2.51
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	2	2.51
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	2	2.51
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	2	2.51
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	2	2.51
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	2	2.51
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	2	2.51
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	15	2.51
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	15	2.51
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	15	2.51
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	15	2.51
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	15	2.51
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	15	2.51
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	4	2.51
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	4	2.51
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	4	2.51
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	4	2.51
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	4	2.51
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	4	2.51
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	12	2.51
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	12	2.51
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	12	2.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	12	2.51
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	12	2.51
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	12	2.51
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	17	2.51
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	17	2.51
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	17	2.51
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	17	2.51
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	17	2.51
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	17	2.51
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	13	2.51
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	13	2.51
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	13	2.51
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	14	2.51
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	14	2.51
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	14	2.51
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	7	2.51
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	18	2.51
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	3	2.51
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	3	2.51
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	3	2.51
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	12	2.51
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	12	2.51
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	12	2.51
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	12	2.51
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	12	2.51
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	12	2.51
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	8	2.51
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	8	2.51
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	5	2.51
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	5	2.51
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	5	2.51
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	5	2.51
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	5	2.51
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	5	2.51
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	15	2.51
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	15	2.51
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	15	2.51
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	14	2.51
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	14	2.51
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	14	2.51
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	14	2.51
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	14	2.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	14	2.51
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	14	2.51
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	14	2.51
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	14	2.51
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	12	2.51
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	12	2.51
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	12	2.51
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	7	2.51
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	7	2.51
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	7	2.51
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	7	2.51
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	7	2.51
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	7	2.51
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	7	2.51
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	7	2.51
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	7	2.51
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	15	2.51
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	15	2.51
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	15	2.51
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	15	2.51
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	15	2.51
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	15	2.51
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	15	2.51
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	15	2.51
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	15	2.51
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	15	2.51
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	15	2.51
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	15	2.51
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	15	2.51
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	15	2.51
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	15	2.51
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	15	2.51
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	15	2.51
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	15	2.51
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	5	2.51
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	5	2.51
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	5	2.51
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	18	2.51
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	18	2.51
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	18	2.51
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	20	2.51
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	20	2.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	20	2.51
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	16	2.51
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	3	2.51
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	3	2.51
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	3	2.51
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	14	2.51
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	14	2.51
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	14	2.51
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	7	2.51
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	7	2.51
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	7	2.51
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	14	2.51
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	14	2.51
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	14	2.51
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	16	2.51
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	16	2.51
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	16	2.51
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	9	2.51
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	9	2.51
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	9	2.51
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	2	2.51
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	2	2.51
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	2	2.51
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	2	2.51
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	2	2.51
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	3	2.51
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	3	2.51
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	18	2.51
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	18	2.51
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	18	2.51
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	18	2.51
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	18	2.51
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	18	2.51
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	18	2.51
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	18	2.51
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	18	2.51
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	18	2.51
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	18	2.51
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	15	2.51
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	15	2.51
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	15	2.51
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	9	2.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	9	2.51
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	9	2.51
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	3	2.51
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	3	2.51
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	3	2.51
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	3	2.51
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	3	2.51
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	3	2.51
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	3	2.51
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	3	2.51
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	3	2.51
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	17	2.51
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	17	2.51
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	17	2.51
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	2	2.51
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	2	2.51
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	2	2.51
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	2	2.51
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	2	2.51
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	2	2.51
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	7	2.51
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	7	2.51
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	7	2.51
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	7	2.51
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	7	2.51
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	7	2.51
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	1	2.5
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	1	2.5
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	1	2.5
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	1	2.5
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	1	2.5
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	1	2.5
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	6	2.5
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	6	2.5
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	16	2.5
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	16	2.5
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	16	2.5
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	16	2.5
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	16	2.5
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	16	2.5
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	3	2.5
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	3	2.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	7	2.5
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	7	2.5
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	7	2.5
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	7	2.5
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	7	2.5
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	7	2.5
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	13	2.5
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	13	2.5
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	13	2.5
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	13	2.5
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	13	2.5
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	13	2.5
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	20	2.5
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	20	2.5
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	20	2.5
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	20	2.5
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	20	2.5
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	20	2.5
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	17	2.5
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	17	2.5
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	17	2.5
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	17	2.5
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	17	2.5
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	17	2.5
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	15	2.5
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	15	2.5
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	3	2.5
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	3	2.5
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	17	2.5
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	17	2.5
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	17	2.5
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	17	2.5
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	17	2.5
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	17	2.5
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	5	2.5
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	5	2.5
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	4	2.5
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	4	2.5
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	4	2.5
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	4	2.5
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	10	2.5
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	10	2.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	10	2.5
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	10	2.5
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	10	2.5
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	10	2.5
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	7	2.5
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	7	2.5
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	7	2.5
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	11	2.5
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	20	2.5
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	16	2.5
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	16	2.5
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	16	2.5
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	8	2.5
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	8	2.5
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	8	2.5
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	7	2.5
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	7	2.5
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	7	2.5
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	14	2.5
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	14	2.5
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	14	2.5
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	14	2.5
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	14	2.5
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	14	2.5
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	14	2.5
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	14	2.5
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	14	2.5
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	10	2.5
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	10	2.5
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	10	2.5
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	10	2.5
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	10	2.5
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	10	2.5
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	10	2.5
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	10	2.5
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	10	2.5
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	5	2.5
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	5	2.5
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	5	2.5
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	7	2.5
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	7	2.5
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	7	2.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	8	2.5
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	8	2.5
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	8	2.5
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	8	2.5
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	8	2.5
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	8	2.5
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	8	2.5
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	8	2.5
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	8	2.5
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	8	2.5
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	8	2.5
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	8	2.5
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	9	2.5
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	9	2.5
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	9	2.5
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	9	2.5
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	9	2.5
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	9	2.5
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	1	2.5
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	1	2.5
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	1	2.5
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	14	2.5
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	1	2.5
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	1	2.5
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	10	2.5
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	10	2.5
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	20	2.5
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	20	2.5
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	20	2.5
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	20	2.5
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	20	2.5
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	20	2.5
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	1	2.5
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	1	2.5
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	1	2.5
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	1	2.5
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	1	2.5
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	1	2.5
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	8	2.5
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	8	2.5
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	8	2.5
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	8	2.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	8	2.5
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	8	2.5
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	15	2.5
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	15	2.5
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	15	2.5
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	15	2.5
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	15	2.5
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	15	2.5
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	11	2.5
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	11	2.5
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	11	2.5
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	11	2.5
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	11	2.5
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	11	2.5
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	7	2.5
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	7	2.5
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	7	2.5
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	7	2.5
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	7	2.5
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	7	2.5
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	6	2.5
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	6	2.5
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	6	2.5
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	6	2.5
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	6	2.5
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	6	2.5
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	9	2.5
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	9	2.5
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	9	2.5
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	9	2.5
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	9	2.5
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	9	2.5
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	12	2.5
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	12	2.5
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	12	2.5
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	12	2.5
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	12	2.5
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	12	2.5
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	4	2.5
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	4	2.5
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	4	2.5
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	4	2.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	4	2.5
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	4	2.5
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	6	2.5
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	6	2.5
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	6	2.5
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	6	2.5
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	6	2.5
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	6	2.5
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	5	2.5
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	5	2.5
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	5	2.5
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	1	2.5
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	5	2.5
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	9	2.5
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	9	2.5
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	9	2.5
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	18	2.5
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	18	2.5
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	18	2.5
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	15	2.5
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	15	2.5
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	15	2.5
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	20	2.5
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	20	2.5
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	20	2.5
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	8	2.5
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	8	2.5
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	1	2.5
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	1	2.5
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	1	2.5
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	1	2.5
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	1	2.5
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	1	2.5
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	1	2.5
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	1	2.5
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	1	2.5
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	14	2.5
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	14	2.5
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	14	2.5
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	6	2.5
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	6	2.5
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	6	2.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	6	2.5
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	6	2.5
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	6	2.5
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	6	2.5
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	6	2.5
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	6	2.5
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	3	2.5
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	3	2.5
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	3	2.5
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	3	2.5
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	3	2.5
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	3	2.5
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	3	2.5
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	3	2.5
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	3	2.5
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	20	2.5
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	20	2.5
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	20	2.5
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	20	2.5
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	20	2.5
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	20	2.5
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	20	2.5
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	20	2.5
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	20	2.5
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	18	2.5
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	18	2.5
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	18	2.5
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	3	2.5
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	3	2.5
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	3	2.5
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	6	2.5
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	6	2.5
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	6	2.5
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	6	2.5
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	6	2.5
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	6	2.5
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	8	2.5
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	8	2.5
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	11	2.5
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	11	2.5
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	11	2.5
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	15	2.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	15	2.5
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	15	2.5
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	15	2.5
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	15	2.5
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	15	2.5
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	15	2.5
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	15	2.5
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	15	2.5
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	6	2.5
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	6	2.5
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	6	2.5
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	8	2.5
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	8	2.5
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	8	2.5
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	14	2.5
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	14	2.5
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	14	2.5
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	14	2.5
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	14	2.5
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	14	2.5
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	6	2.5
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	6	2.5
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	6	2.5
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	6	2.5
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	6	2.5
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	6	2.5
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	19	2.5
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	14	2.5
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	14	2.5
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	14	2.5
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	1	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	2	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	2	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	2	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	3	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	3	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	3	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	14	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	14	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	14	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	19	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	19	2.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	19	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	20	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	20	2.5
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	20	2.5
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	1	2.5
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	1	2.5
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	1	2.5
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	1	2.5
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	1	2.5
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	1	2.5
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	9	2.5
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	9	2.5
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	9	2.5
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	9	2.5
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	9	2.5
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	9	2.5
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	13	2.5
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	13	2.5
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	13	2.5
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	13	2.5
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	13	2.5
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	13	2.5
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	18	2.5
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	18	2.5
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	18	2.5
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	18	2.5
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	18	2.5
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	18	2.5
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	9	2.5
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	17	2.5
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	16	2.5
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	16	2.5
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	20	2.49
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	20	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	5	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	5	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	5	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	5	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	5	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	5	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	11	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	11	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	11	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	11	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	11	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	11	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	14	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	14	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	14	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	14	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	14	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	14	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	16	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	16	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	16	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	16	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	16	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	16	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	18	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	18	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	18	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	18	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	18	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	18	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	19	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	19	2.49
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	19	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	19	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	19	2.49
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	19	2.49
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	2	2.49
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	2	2.49
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	2	2.49
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	2	2.49
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	2	2.49
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	2	2.49
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	5	2.49
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	5	2.49
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	5	2.49
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	5	2.49
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	11	2.49
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	11	2.49
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	17	2.49
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	17	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	20	2.49
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	20	2.49
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	9	2.49
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	9	2.49
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	9	2.49
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	9	2.49
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	9	2.49
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	9	2.49
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	20	2.49
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	20	2.49
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	20	2.49
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	20	2.49
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	20	2.49
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	20	2.49
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	17	2.49
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	17	2.49
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	17	2.49
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	17	2.49
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	17	2.49
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	17	2.49
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	1	2.49
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	1	2.49
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	19	2.49
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	19	2.49
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	19	2.49
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	19	2.49
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	19	2.49
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	19	2.49
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	16	2.49
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	16	2.49
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	16	2.49
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	16	2.49
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	16	2.49
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	16	2.49
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	13	2.49
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	13	2.49
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	13	2.49
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	13	2.49
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	5	2.49
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	5	2.49
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	5	2.49
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	5	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	5	2.49
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	5	2.49
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	13	2.49
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	13	2.49
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	13	2.49
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	12	2.49
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	12	2.49
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	12	2.49
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	8	2.49
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	8	2.49
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	8	2.49
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	7	2.49
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	7	2.49
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	7	2.49
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	14	2.49
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	14	2.49
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	14	2.49
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	14	2.49
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	14	2.49
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	14	2.49
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	14	2.49
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	14	2.49
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	14	2.49
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	3	2.49
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	3	2.49
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	3	2.49
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	3	2.49
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	3	2.49
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	3	2.49
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	3	2.49
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	3	2.49
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	3	2.49
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	4	2.49
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	4	2.49
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	4	2.49
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	4	2.49
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	4	2.49
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	4	2.49
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	4	2.49
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	4	2.49
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	4	2.49
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG21	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG22	6	2.49
(1,2828)	1:873:A:LEU:HD22	1:897:A:ILE:HG23	6	2.49
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG21	6	2.49
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG22	6	2.49
(1,2828)	1:873:A:LEU:HD23	1:897:A:ILE:HG23	6	2.49
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG21	6	2.49
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG22	6	2.49
(1,2828)	1:873:A:LEU:HD21	1:897:A:ILE:HG23	6	2.49
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	3	2.49
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	3	2.49
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	3	2.49
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	2	2.49
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	2	2.49
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	2	2.49
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	5	2.49
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	5	2.49
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	5	2.49
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	12	2.49
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	12	2.49
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	12	2.49
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	9	2.49
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	9	2.49
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	9	2.49
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	18	2.49
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	3	2.49
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	7	2.49
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	7	2.49
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	9	2.49
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	9	2.49
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	5	2.49
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	5	2.49
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	5	2.49
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	5	2.49
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	5	2.49
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	5	2.49
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	3	2.49
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	3	2.49
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	3	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	3	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	3	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	3	2.49
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	4	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	4	2.49
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	4	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	4	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	4	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	4	2.49
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	7	2.49
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	7	2.49
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	7	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	7	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	7	2.49
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	7	2.49
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	10	2.49
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	10	2.49
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	10	2.49
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	10	2.49
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	10	2.49
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	10	2.49
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	16	2.49
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	16	2.49
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	16	2.49
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	16	2.49
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	16	2.49
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	16	2.49
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	2	2.49
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	1	2.49
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	1	2.49
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	1	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	3	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	3	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	3	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	3	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	3	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	3	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	6	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	6	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	6	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	6	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	6	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	6	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	13	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	13	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	13	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	13	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	13	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	13	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	19	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	19	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	19	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	19	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	19	2.49
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	19	2.49
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	6	2.49
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	6	2.49
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	6	2.49
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	11	2.49
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	11	2.49
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	11	2.49
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	7	2.49
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	7	2.49
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	14	2.49
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	14	2.49
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	14	2.49
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	6	2.49
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	6	2.49
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	6	2.49
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	6	2.49
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	6	2.49
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	6	2.49
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	6	2.49
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	6	2.49
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	6	2.49
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG21	7	2.49
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG22	7	2.49
(1,827)	1:904:A:LEU:HD11	1:917:A:ILE:HG23	7	2.49
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG21	7	2.49
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG22	7	2.49
(1,827)	1:904:A:LEU:HD12	1:917:A:ILE:HG23	7	2.49
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG21	7	2.49
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG22	7	2.49
(1,827)	1:904:A:LEU:HD13	1:917:A:ILE:HG23	7	2.49
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	6	2.49
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	6	2.49
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	6	2.49
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	12	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	12	2.49
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	12	2.49
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	7	2.49
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	7	2.49
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	7	2.49
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	5	2.49
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	5	2.49
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	5	2.49
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	17	2.49
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	17	2.49
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	17	2.49
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	5	2.49
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	5	2.49
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	5	2.49
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	5	2.49
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	5	2.49
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	5	2.49
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	7	2.49
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	7	2.49
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	7	2.49
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	7	2.49
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	7	2.49
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	7	2.49
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	18	2.49
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	18	2.49
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	18	2.49
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	18	2.49
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	18	2.49
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	18	2.49
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	20	2.49
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	20	2.49
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	20	2.49
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	15	2.49
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	15	2.49
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	3	2.49
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	3	2.49
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	3	2.49
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	1	2.49
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	1	2.49
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	1	2.49
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD21	18	2.49
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD22	18	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,295)	1:851:A:LEU:HA	1:851:A:LEU:HD23	18	2.49
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	9	2.49
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	9	2.49
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	9	2.49
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	13	2.49
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	13	2.49
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	13	2.49
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	20	2.49
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	20	2.49
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	20	2.49
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	2	2.49
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	2	2.49
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	2	2.49
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	2	2.49
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	2	2.49
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	2	2.49
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	5	2.49
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	5	2.49
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	5	2.49
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	5	2.49
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	5	2.49
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	5	2.49
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	5	2.49
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	5	2.49
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	5	2.49
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	5	2.49
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	5	2.49
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	5	2.49
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	5	2.49
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	5	2.49
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	5	2.49
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	12	2.49
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	12	2.49
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	12	2.49
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	1	2.49
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	1	2.49
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	1	2.49
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	12	2.49
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	12	2.49
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	12	2.49
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	11	2.49
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	11	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	11	2.49
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	11	2.49
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	11	2.49
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	11	2.49
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	16	2.49
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	16	2.49
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	16	2.49
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	16	2.49
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	16	2.49
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	16	2.49
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	10	2.49
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	1	2.49
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	1	2.49
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	14	2.49
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	14	2.49
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	14	2.49
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	4	2.49
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	4	2.49
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	4	2.49
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	16	2.48
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	16	2.48
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	19	2.48
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	19	2.48
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	19	2.48
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	19	2.48
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	19	2.48
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	19	2.48
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	3	2.48
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	3	2.48
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	3	2.48
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	3	2.48
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	3	2.48
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	3	2.48
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	15	2.48
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	15	2.48
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	15	2.48
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	15	2.48
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	15	2.48
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	15	2.48
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	19	2.48
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	19	2.48
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	11	2.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	11	2.48
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	11	2.48
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	11	2.48
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	15	2.48
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	15	2.48
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	15	2.48
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	15	2.48
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	9	2.48
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	9	2.48
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	12	2.48
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	12	2.48
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	14	2.48
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	14	2.48
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	1	2.48
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	1	2.48
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	1	2.48
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	1	2.48
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	1	2.48
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	1	2.48
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	5	2.48
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	5	2.48
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	10	2.48
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	10	2.48
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	10	2.48
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	10	2.48
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	10	2.48
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	10	2.48
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	12	2.48
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	12	2.48
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	12	2.48
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	12	2.48
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	12	2.48
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	12	2.48
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	13	2.48
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	13	2.48
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	13	2.48
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	13	2.48
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	13	2.48
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	13	2.48
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	19	2.48
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	19	2.48
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	10	2.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	10	2.48
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	10	2.48
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	10	2.48
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	10	2.48
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	10	2.48
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	1	2.48
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	1	2.48
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	16	2.48
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	16	2.48
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	2	2.48
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	2	2.48
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	2	2.48
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	2	2.48
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	2	2.48
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	2	2.48
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	3	2.48
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	3	2.48
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	3	2.48
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	3	2.48
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	18	2.48
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	18	2.48
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	16	2.48
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	16	2.48
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	16	2.48
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	15	2.48
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	15	2.48
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	15	2.48
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	15	2.48
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	15	2.48
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	15	2.48
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	16	2.48
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	16	2.48
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	16	2.48
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	20	2.48
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	20	2.48
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	20	2.48
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	17	2.48
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	17	2.48
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	17	2.48
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	17	2.48
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	17	2.48
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	17	2.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	17	2.48
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	17	2.48
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	17	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	4	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	4	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	4	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	15	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	15	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	15	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	17	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	17	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	17	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	18	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	18	2.48
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	18	2.48
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	10	2.48
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	10	2.48
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	10	2.48
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	14	2.48
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	14	2.48
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	14	2.48
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	14	2.48
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	14	2.48
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	14	2.48
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	1	2.48
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	1	2.48
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	1	2.48
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	1	2.48
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	1	2.48
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	1	2.48
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	6	2.48
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	6	2.48
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	14	2.48
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	14	2.48
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	5	2.48
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	5	2.48
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	5	2.48
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	5	2.48
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	14	2.48
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	14	2.48
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	16	2.48
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	16	2.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	15	2.48
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	15	2.48
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	15	2.48
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	14	2.48
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	14	2.48
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	14	2.48
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	14	2.48
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	14	2.48
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	14	2.48
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	5	2.48
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	5	2.48
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	5	2.48
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	5	2.48
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	5	2.48
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	5	2.48
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	11	2.48
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	11	2.48
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	11	2.48
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	11	2.48
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	11	2.48
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	11	2.48
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	16	2.48
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	16	2.48
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	16	2.48
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	16	2.48
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	16	2.48
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	16	2.48
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	6	2.48
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	6	2.48
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	6	2.48
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	11	2.48
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	11	2.48
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	11	2.48
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	2	2.48
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	2	2.48
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	13	2.48
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	16	2.48
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	16	2.48
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	16	2.48
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	1	2.48
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	1	2.48
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	1	2.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	2	2.48
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	16	2.48
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	16	2.48
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	16	2.48
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	16	2.48
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	16	2.48
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	16	2.48
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	16	2.48
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	16	2.48
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	16	2.48
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	16	2.48
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	16	2.48
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	16	2.48
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	15	2.48
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	15	2.48
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	15	2.48
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	15	2.48
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	15	2.48
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	15	2.48
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	15	2.48
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	15	2.48
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	15	2.48
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	10	2.48
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	10	2.48
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	10	2.48
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	2	2.48
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	2	2.48
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	2	2.48
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	12	2.48
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	4	2.48
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	4	2.48
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	4	2.48
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	3	2.48
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	3	2.48
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	3	2.48
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	3	2.48
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	3	2.48
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	3	2.48
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	9	2.48
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	9	2.48
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	9	2.48
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	9	2.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	9	2.48
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	9	2.48
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	12	2.48
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	12	2.48
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	12	2.48
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	12	2.48
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	12	2.48
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	12	2.48
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	15	2.48
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	15	2.48
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	17	2.48
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	17	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	13	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	13	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	13	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	14	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	14	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	14	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	16	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	16	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	16	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	17	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	17	2.48
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	17	2.48
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	1	2.48
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	1	2.48
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	1	2.48
(1,376)	1:861:A:LEU:HB2	1:862:A:ILE:H	17	2.48
(1,376)	1:861:A:LEU:HB3	1:862:A:ILE:H	17	2.48
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	1	2.48
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	1	2.48
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	1	2.48
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	1	2.48
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	1	2.48
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	1	2.48
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	1	2.48
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	1	2.48
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	1	2.48
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	13	2.48
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	13	2.48
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	13	2.48
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	13	2.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	13	2.48
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	13	2.48
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	13	2.48
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	13	2.48
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	13	2.48
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	13	2.48
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	13	2.48
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	1	2.48
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	1	2.48
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	1	2.48
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	11	2.48
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	11	2.48
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	11	2.48
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	12	2.48
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	12	2.48
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	12	2.48
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	3	2.48
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	3	2.48
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	3	2.48
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	8	2.48
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	20	2.48
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	1	2.48
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	1	2.48
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	1	2.48
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	10	2.48
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	10	2.48
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	10	2.48
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	13	2.48
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	13	2.48
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	13	2.48
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	13	2.48
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	13	2.48
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	13	2.48
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	11	2.48
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	11	2.48
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	11	2.48
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	7	2.48
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	7	2.48
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	7	2.48
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	17	2.48
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	17	2.48
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	17	2.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	3	2.48
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	3	2.48
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	3	2.48
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	3	2.48
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	3	2.48
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	3	2.48
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	7	2.48
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	19	2.48
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	19	2.48
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	19	2.48
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	19	2.48
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	19	2.48
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	19	2.48
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	19	2.48
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	19	2.48
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	19	2.48
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	2	2.47
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	2	2.47
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	2	2.47
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	2	2.47
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	2	2.47
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	2	2.47
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	7	2.47
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	7	2.47
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	7	2.47
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	7	2.47
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	7	2.47
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	7	2.47
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	12	2.47
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	12	2.47
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	12	2.47
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	12	2.47
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	12	2.47
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	12	2.47
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	18	2.47
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	18	2.47
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	18	2.47
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	18	2.47
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	18	2.47
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	18	2.47
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	7	2.47
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	7	2.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	7	2.47
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	7	2.47
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	8	2.47
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	8	2.47
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	8	2.47
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	8	2.47
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	8	2.47
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	8	2.47
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	16	2.47
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	16	2.47
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	10	2.47
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	10	2.47
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	10	2.47
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	10	2.47
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	10	2.47
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	10	2.47
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	2	2.47
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	2	2.47
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	20	2.47
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	20	2.47
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	20	2.47
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	20	2.47
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	18	2.47
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	18	2.47
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	18	2.47
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	18	2.47
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	9	2.47
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	9	2.47
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	3	2.47
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	3	2.47
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	3	2.47
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	9	2.47
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	9	2.47
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	9	2.47
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	1	2.47
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	1	2.47
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	1	2.47
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	3	2.47
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	3	2.47
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	3	2.47
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	7	2.47
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	7	2.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	7	2.47
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	13	2.47
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	13	2.47
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	13	2.47
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	10	2.47
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	10	2.47
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	10	2.47
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	10	2.47
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	10	2.47
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	10	2.47
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	10	2.47
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	10	2.47
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	10	2.47
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	18	2.47
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	18	2.47
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	18	2.47
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	18	2.47
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	18	2.47
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	18	2.47
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	18	2.47
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	18	2.47
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	18	2.47
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	8	2.47
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	8	2.47
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	8	2.47
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	8	2.47
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	8	2.47
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	8	2.47
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	8	2.47
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	8	2.47
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	8	2.47
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	2	2.47
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	2	2.47
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	2	2.47
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	2	2.47
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	2	2.47
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	2	2.47
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	2	2.47
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	2	2.47
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	2	2.47
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	3	2.47
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	3	2.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	3	2.47
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	3	2.47
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	3	2.47
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	3	2.47
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	3	2.47
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	3	2.47
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	3	2.47
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	13	2.47
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	13	2.47
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	13	2.47
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	16	2.47
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	16	2.47
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	16	2.47
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	20	2.47
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	20	2.47
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	20	2.47
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	17	2.47
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	17	2.47
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	17	2.47
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	10	2.47
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	10	2.47
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	10	2.47
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	6	2.47
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	6	2.47
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	18	2.47
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	19	2.47
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	19	2.47
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	19	2.47
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	9	2.47
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	9	2.47
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	9	2.47
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	9	2.47
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	9	2.47
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	9	2.47
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	11	2.47
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	11	2.47
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	11	2.47
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	11	2.47
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	2	2.47
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	2	2.47
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	2	2.47
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	2	2.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	2	2.47
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	2	2.47
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	15	2.47
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	15	2.47
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	15	2.47
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	7	2.47
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	17	2.47
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	17	2.47
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	16	2.47
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	18	2.47
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	18	2.47
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	18	2.47
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	18	2.47
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	4	2.47
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	4	2.47
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	4	2.47
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	4	2.47
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	4	2.47
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	4	2.47
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	1	2.47
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	1	2.47
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	1	2.47
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	1	2.47
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	1	2.47
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	1	2.47
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	18	2.47
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	18	2.47
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	18	2.47
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	18	2.47
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	18	2.47
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	18	2.47
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD21	13	2.47
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD22	13	2.47
(1,2344)	1:850:A:PHE:HE1	1:876:A:LEU:HD23	13	2.47
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD21	13	2.47
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD22	13	2.47
(1,2344)	1:850:A:PHE:HE2	1:876:A:LEU:HD23	13	2.47
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	6	2.47
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	6	2.47
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	6	2.47
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	6	2.47
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	6	2.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	6	2.47
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	13	2.47
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	13	2.47
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	13	2.47
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	13	2.47
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	13	2.47
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	13	2.47
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	3	2.47
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	3	2.47
(1,1868)	1:889:A:ILE:HG21	1:894:A:LYS:H	14	2.47
(1,1868)	1:889:A:ILE:HG22	1:894:A:LYS:H	14	2.47
(1,1868)	1:889:A:ILE:HG23	1:894:A:LYS:H	14	2.47
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	6	2.47
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	6	2.47
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	6	2.47
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	17	2.47
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	17	2.47
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	9	2.47
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	9	2.47
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	9	2.47
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	13	2.47
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	13	2.47
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	13	2.47
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	12	2.47
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	12	2.47
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	12	2.47
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	12	2.47
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	12	2.47
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	12	2.47
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	9	2.47
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	9	2.47
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	9	2.47
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	5	2.47
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	17	2.47
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	10	2.47
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	10	2.47
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	10	2.47
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	5	2.47
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	5	2.47
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	5	2.47
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	5	2.47
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	5	2.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	5	2.47
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	5	2.47
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	5	2.47
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	5	2.47
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	7	2.47
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	7	2.47
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	7	2.47
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	7	2.47
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	7	2.47
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	7	2.47
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	7	2.47
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	7	2.47
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	7	2.47
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	7	2.47
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	7	2.47
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	7	2.47
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	7	2.47
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	7	2.47
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	7	2.47
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	7	2.47
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	7	2.47
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	7	2.47
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	18	2.47
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	18	2.47
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	18	2.47
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	1	2.47
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	1	2.47
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	1	2.47
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	5	2.47
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	5	2.47
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	5	2.47
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	11	2.47
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	11	2.47
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	11	2.47
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	20	2.47
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	20	2.47
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	20	2.47
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	20	2.47
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	20	2.47
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	20	2.47
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	13	2.47
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	13	2.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	13	2.47
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	2	2.47
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	2	2.47
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	6	2.47
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	6	2.47
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	6	2.47
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	6	2.47
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	6	2.47
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	6	2.47
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	6	2.47
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	6	2.47
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	6	2.47
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	14	2.47
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	14	2.47
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	14	2.47
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	14	2.47
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	14	2.47
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	14	2.47
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	14	2.47
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	14	2.47
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	14	2.47
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	5	2.47
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	5	2.47
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	5	2.47
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	5	2.47
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	5	2.47
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	5	2.47
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	5	2.47
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	5	2.47
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	5	2.47
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	8	2.47
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	8	2.47
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	6	2.47
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	6	2.47
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	6	2.47
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	19	2.47
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	19	2.47
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	19	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	4	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	4	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	4	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	4	2.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	4	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	4	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	8	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	8	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	8	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	8	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	8	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	8	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	15	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	15	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	15	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	15	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	15	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	15	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	20	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	20	2.47
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	20	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	20	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	20	2.47
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	20	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	1	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	1	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	1	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	6	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	6	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	6	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	11	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	11	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	11	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	18	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	18	2.47
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	18	2.47
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	8	2.47
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	8	2.47
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	8	2.47
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	12	2.47
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	12	2.47
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	12	2.47
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	12	2.47
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	12	2.47
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	12	2.47
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	12	2.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	12	2.47
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	12	2.47
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD11	17	2.47
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD12	17	2.47
(1,352)	1:854:A:ILE:HD11	1:900:A:LEU:HD13	17	2.47
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD11	17	2.47
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD12	17	2.47
(1,352)	1:854:A:ILE:HD12	1:900:A:LEU:HD13	17	2.47
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD11	17	2.47
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD12	17	2.47
(1,352)	1:854:A:ILE:HD13	1:900:A:LEU:HD13	17	2.47
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	13	2.47
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	13	2.47
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	13	2.47
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	6	2.47
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	6	2.47
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	6	2.47
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	19	2.47
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	19	2.47
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	19	2.47
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	10	2.47
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	10	2.47
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	10	2.47
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	10	2.47
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	10	2.47
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	10	2.47
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	10	2.47
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	10	2.47
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	10	2.47
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	2	2.47
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	2	2.47
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	2	2.47
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	3	2.46
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	3	2.46
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	3	2.46
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	3	2.46
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	3	2.46
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	3	2.46
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	10	2.46
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	10	2.46
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	10	2.46
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	10	2.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	10	2.46
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	10	2.46
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	7	2.46
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	7	2.46
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	12	2.46
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	12	2.46
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	12	2.46
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	12	2.46
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	12	2.46
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	12	2.46
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	8	2.46
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	8	2.46
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	12	2.46
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	12	2.46
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	12	2.46
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	12	2.46
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	8	2.46
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	8	2.46
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	18	2.46
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	18	2.46
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	5	2.46
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	5	2.46
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	6	2.46
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	6	2.46
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	15	2.46
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	15	2.46
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	15	2.46
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	15	2.46
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	15	2.46
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	15	2.46
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	2	2.46
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	2	2.46
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	2	2.46
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	2	2.46
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	2	2.46
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	2	2.46
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	1	2.46
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	1	2.46
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	1	2.46
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	1	2.46
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	1	2.46
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	1	2.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	20	2.46
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	20	2.46
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	10	2.46
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	11	2.46
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	11	2.46
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	11	2.46
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	13	2.46
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	13	2.46
(1,2858)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	13	2.46
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	5	2.46
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	5	2.46
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	5	2.46
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	5	2.46
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	5	2.46
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	5	2.46
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	5	2.46
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	5	2.46
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	5	2.46
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	18	2.46
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	18	2.46
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	18	2.46
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	18	2.46
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	18	2.46
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	18	2.46
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	18	2.46
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	18	2.46
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	18	2.46
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	8	2.46
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	8	2.46
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	8	2.46
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	14	2.46
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	14	2.46
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	14	2.46
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	5	2.46
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	5	2.46
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	5	2.46
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	12	2.46
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	12	2.46
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	12	2.46
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	1	2.46
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	1	2.46
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	1	2.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	8	2.46
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	8	2.46
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	8	2.46
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD13	6	2.46
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD11	6	2.46
(1,2699)	1:850:A:PHE:HE1	1:876:A:LEU:HD12	6	2.46
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD13	6	2.46
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD11	6	2.46
(1,2699)	1:850:A:PHE:HE2	1:876:A:LEU:HD12	6	2.46
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	15	2.46
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	15	2.46
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	15	2.46
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	15	2.46
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	15	2.46
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	15	2.46
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	18	2.46
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	18	2.46
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	18	2.46
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	18	2.46
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	18	2.46
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	18	2.46
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	2	2.46
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	2	2.46
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	2	2.46
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	20	2.46
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	20	2.46
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	13	2.46
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	13	2.46
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	10	2.46
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	10	2.46
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	10	2.46
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	10	2.46
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	10	2.46
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	10	2.46
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	13	2.46
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	13	2.46
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	13	2.46
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	13	2.46
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	13	2.46
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	13	2.46
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	9	2.46
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	9	2.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	9	2.46
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	9	2.46
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	9	2.46
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	9	2.46
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	10	2.46
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	10	2.46
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	10	2.46
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	10	2.46
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	10	2.46
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	10	2.46
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	7	2.46
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	7	2.46
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	7	2.46
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	7	2.46
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	7	2.46
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	7	2.46
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	20	2.46
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	20	2.46
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	20	2.46
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	20	2.46
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	20	2.46
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	20	2.46
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	9	2.46
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	9	2.46
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	9	2.46
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	9	2.46
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	9	2.46
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	9	2.46
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	14	2.46
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	14	2.46
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	14	2.46
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	14	2.46
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	14	2.46
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	14	2.46
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	10	2.46
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	10	2.46
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	10	2.46
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	10	2.46
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	10	2.46
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	10	2.46
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	14	2.46
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	14	2.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	14	2.46
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	14	2.46
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	14	2.46
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	14	2.46
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	15	2.46
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	15	2.46
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	15	2.46
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	15	2.46
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	15	2.46
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	15	2.46
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	17	2.46
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	17	2.46
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	14	2.46
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	14	2.46
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	3	2.46
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	7	2.46
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	7	2.46
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	7	2.46
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	17	2.46
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	17	2.46
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	17	2.46
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	3	2.46
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	3	2.46
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	14	2.46
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	14	2.46
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	1	2.46
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	1	2.46
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	1	2.46
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	1	2.46
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	1	2.46
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	1	2.46
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	3	2.46
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	3	2.46
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	3	2.46
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	8	2.46
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	5	2.46
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	5	2.46
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	5	2.46
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	11	2.46
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	11	2.46
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	11	2.46
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	11	2.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	11	2.46
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	11	2.46
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	11	2.46
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	11	2.46
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	11	2.46
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	11	2.46
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	11	2.46
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	11	2.46
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	11	2.46
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	18	2.46
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	18	2.46
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	18	2.46
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	18	2.46
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	18	2.46
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	18	2.46
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	18	2.46
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	18	2.46
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	18	2.46
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	13	2.46
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	13	2.46
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	13	2.46
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	13	2.46
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	13	2.46
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	13	2.46
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	13	2.46
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	13	2.46
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	13	2.46
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	9	2.46
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	9	2.46
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	9	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	9	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	9	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	9	2.46
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	9	2.46
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	9	2.46
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	9	2.46
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	16	2.46
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	16	2.46
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	16	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	16	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	16	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	16	2.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	16	2.46
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	16	2.46
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	16	2.46
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	20	2.46
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	20	2.46
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	20	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	20	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	20	2.46
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	20	2.46
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	20	2.46
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	20	2.46
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	20	2.46
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	11	2.46
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	11	2.46
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	11	2.46
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	12	2.46
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	12	2.46
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	12	2.46
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	13	2.46
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	13	2.46
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	13	2.46
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	13	2.46
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	13	2.46
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	13	2.46
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	13	2.46
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	13	2.46
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	13	2.46
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	8	2.46
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	8	2.46
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	8	2.46
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	8	2.46
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	8	2.46
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	8	2.46
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	8	2.46
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	8	2.46
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	8	2.46
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	1	2.46
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	1	2.46
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	1	2.46
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	20	2.46
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	15	2.46
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	15	2.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	15	2.46
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	15	2.46
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	15	2.46
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	15	2.46
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	15	2.46
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	15	2.46
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	15	2.46
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	19	2.46
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	19	2.46
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	19	2.46
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	19	2.46
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	19	2.46
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	19	2.46
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	19	2.46
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	19	2.46
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	19	2.46
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	7	2.46
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	7	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	3	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	3	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	3	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	5	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	5	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	5	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	7	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	7	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	7	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	15	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	15	2.46
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	15	2.46
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	10	2.46
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	10	2.46
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	10	2.46
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	18	2.46
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	18	2.46
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	18	2.46
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	5	2.46
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	5	2.46
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	5	2.46
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	5	2.46
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	5	2.46
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	5	2.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	5	2.46
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	5	2.46
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	5	2.46
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	18	2.46
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	18	2.46
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	18	2.46
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	18	2.46
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	18	2.46
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	18	2.46
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	18	2.46
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	18	2.46
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	18	2.46
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	11	2.46
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	3	2.46
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	4	2.46
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	16	2.46
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	8	2.46
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	8	2.46
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	8	2.46
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	6	2.46
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	6	2.46
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	6	2.46
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	6	2.46
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	6	2.46
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	6	2.46
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	6	2.46
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	6	2.46
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	6	2.46
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	6	2.46
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	6	2.46
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	6	2.46
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	16	2.45
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	16	2.45
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	16	2.45
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	16	2.45
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	1	2.45
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	1	2.45
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	4	2.45
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	4	2.45
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	5	2.45
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	5	2.45
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	12	2.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	12	2.45
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	12	2.45
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	12	2.45
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	1	2.45
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	1	2.45
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	1	2.45
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	1	2.45
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	1	2.45
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	1	2.45
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	9	2.45
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	9	2.45
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	9	2.45
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	9	2.45
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	9	2.45
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	9	2.45
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	15	2.45
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	15	2.45
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	15	2.45
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	15	2.45
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	15	2.45
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	15	2.45
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	2	2.45
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	2	2.45
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	2	2.45
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	2	2.45
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	2	2.45
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	2	2.45
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	5	2.45
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	5	2.45
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	5	2.45
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	5	2.45
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	5	2.45
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	5	2.45
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	10	2.45
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	10	2.45
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	10	2.45
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	1	2.45
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	1	2.45
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	1	2.45
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	10	2.45
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	10	2.45
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	10	2.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	3	2.45
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	3	2.45
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	3	2.45
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	2	2.45
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	2	2.45
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	2	2.45
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	2	2.45
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	2	2.45
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	2	2.45
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	2	2.45
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	2	2.45
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	2	2.45
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	3	2.45
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	3	2.45
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	3	2.45
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	3	2.45
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	3	2.45
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	3	2.45
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	3	2.45
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	3	2.45
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	3	2.45
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	4	2.45
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	4	2.45
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	4	2.45
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	4	2.45
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	4	2.45
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	4	2.45
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	4	2.45
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	4	2.45
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	4	2.45
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	1	2.45
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	1	2.45
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	1	2.45
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	1	2.45
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	1	2.45
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	1	2.45
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	1	2.45
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	1	2.45
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	1	2.45
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	7	2.45
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	7	2.45
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	7	2.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	7	2.45
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	7	2.45
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	7	2.45
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	7	2.45
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	7	2.45
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	7	2.45
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	16	2.45
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	16	2.45
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	16	2.45
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	16	2.45
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	16	2.45
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	16	2.45
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	16	2.45
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	16	2.45
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	16	2.45
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	4	2.45
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	4	2.45
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	4	2.45
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	4	2.45
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	4	2.45
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	4	2.45
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	4	2.45
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	4	2.45
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	4	2.45
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	6	2.45
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	6	2.45
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	6	2.45
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	2	2.45
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	2	2.45
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	2	2.45
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	17	2.45
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	17	2.45
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	17	2.45
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	1	2.45
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	1	2.45
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	1	2.45
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	1	2.45
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	1	2.45
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	1	2.45
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	7	2.45
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	7	2.45
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	7	2.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	7	2.45
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	5	2.45
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	5	2.45
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	5	2.45
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	5	2.45
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	5	2.45
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	5	2.45
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	13	2.45
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	13	2.45
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	1	2.45
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	1	2.45
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	1	2.45
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	1	2.45
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	1	2.45
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	1	2.45
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	1	2.45
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	1	2.45
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	1	2.45
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	1	2.45
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	1	2.45
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	1	2.45
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	8	2.45
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	8	2.45
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	8	2.45
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	8	2.45
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	8	2.45
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	8	2.45
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	12	2.45
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	12	2.45
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	12	2.45
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	12	2.45
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	12	2.45
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	12	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	9	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	9	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	9	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	9	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	9	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	9	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	12	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	12	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	12	2.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	12	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	12	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	12	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	18	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	18	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	18	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	18	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	18	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	18	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	20	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	20	2.45
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	20	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	20	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	20	2.45
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	20	2.45
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	5	2.45
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	5	2.45
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	5	2.45
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	20	2.45
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	20	2.45
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	8	2.45
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	1	2.45
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	1	2.45
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	1	2.45
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	1	2.45
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	1	2.45
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	13	2.45
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	13	2.45
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	13	2.45
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	13	2.45
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	13	2.45
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	13	2.45
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	5	2.45
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	5	2.45
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD11	19	2.45
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD12	19	2.45
(1,1208)	1:830:A:ALA:H	1:861:A:LEU:HD13	19	2.45
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	8	2.45
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	8	2.45
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	8	2.45
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	8	2.45
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	8	2.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	8	2.45
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	8	2.45
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	8	2.45
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	8	2.45
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	4	2.45
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	4	2.45
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	4	2.45
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	4	2.45
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	4	2.45
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	4	2.45
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	4	2.45
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	4	2.45
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	4	2.45
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	2	2.45
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	2	2.45
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	2	2.45
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	7	2.45
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	7	2.45
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	7	2.45
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	6	2.45
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	6	2.45
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	10	2.45
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	10	2.45
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	10	2.45
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	10	2.45
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	10	2.45
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	10	2.45
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	10	2.45
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	10	2.45
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	10	2.45
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	3	2.45
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	3	2.45
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	3	2.45
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	3	2.45
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	6	2.45
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	8	2.45
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	4	2.45
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	4	2.45
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	4	2.45
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	9	2.45
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	9	2.45
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	9	2.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	13	2.45
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	13	2.45
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	13	2.45
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	15	2.45
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	15	2.45
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	15	2.45
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	12	2.45
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	12	2.45
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	12	2.45
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	8	2.45
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	8	2.45
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	8	2.45
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	8	2.45
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	8	2.45
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	8	2.45
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	8	2.45
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	8	2.45
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	8	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	2	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	2	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	2	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	4	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	4	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	4	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	8	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	8	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	8	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	12	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	12	2.45
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	12	2.45
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	16	2.45
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	16	2.45
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	16	2.45
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	17	2.45
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	17	2.45
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	17	2.45
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	19	2.45
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	19	2.45
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	19	2.45
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	16	2.45
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	16	2.45
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	16	2.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	16	2.45
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	16	2.45
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	16	2.45
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	12	2.45
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	12	2.45
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	12	2.45
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	2	2.45
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	2	2.45
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	2	2.45
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	15	2.45
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	15	2.45
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	15	2.45
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	16	2.45
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	16	2.45
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	16	2.45
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	7	2.45
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	7	2.45
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	10	2.45
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	10	2.45
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	10	2.45
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	10	2.45
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	10	2.45
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	10	2.45
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	10	2.45
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	10	2.45
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	10	2.45
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	11	2.45
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	11	2.45
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	11	2.45
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	11	2.45
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	11	2.45
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	11	2.45
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	11	2.45
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	11	2.45
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	11	2.45
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	17	2.45
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	9	2.45
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	9	2.45
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	9	2.45
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	20	2.45
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	20	2.45
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	20	2.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	20	2.45
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	20	2.45
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	20	2.45
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	5	2.45
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	5	2.45
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	5	2.45
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	5	2.45
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	5	2.45
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	5	2.45
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	5	2.45
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	5	2.45
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	5	2.45
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	13	2.45
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	13	2.45
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	5	2.45
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	5	2.45
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	5	2.45
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	11	2.45
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	11	2.45
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	11	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	2	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	2	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	2	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	2	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	2	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	2	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	2	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	2	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	2	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	2	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	2	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	2	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	5	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	5	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	5	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	5	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	5	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	5	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	5	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	5	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	5	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	5	2.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	5	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	5	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	8	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	8	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	8	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	8	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	8	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	8	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	8	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	8	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	8	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	8	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	8	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	8	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	15	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	15	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	15	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	15	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	15	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	15	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	15	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	15	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	15	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	15	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	15	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	15	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	16	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	16	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	16	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	16	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	16	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	16	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	16	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	16	2.45
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	16	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	16	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	16	2.45
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	16	2.45
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	7	2.44
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	7	2.44
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	12	2.44
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	12	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	12	2.44
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	12	2.44
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	12	2.44
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	12	2.44
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	15	2.44
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	15	2.44
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	15	2.44
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	15	2.44
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	15	2.44
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	15	2.44
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	10	2.44
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	10	2.44
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	10	2.44
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	10	2.44
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	10	2.44
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	10	2.44
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	6	2.44
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	6	2.44
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	6	2.44
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	6	2.44
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	6	2.44
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	6	2.44
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	20	2.44
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	20	2.44
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	20	2.44
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	20	2.44
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	20	2.44
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	20	2.44
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	4	2.44
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	4	2.44
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	18	2.44
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	18	2.44
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	18	2.44
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	18	2.44
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	18	2.44
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	18	2.44
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	3	2.44
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	3	2.44
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	15	2.44
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	15	2.44
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	15	2.44
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	15	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	15	2.44
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	15	2.44
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	6	2.44
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	6	2.44
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	6	2.44
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	6	2.44
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	6	2.44
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	6	2.44
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	13	2.44
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	13	2.44
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	13	2.44
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	15	2.44
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	15	2.44
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	15	2.44
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	11	2.44
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	11	2.44
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	11	2.44
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	2	2.44
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	2	2.44
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	2	2.44
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	5	2.44
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	5	2.44
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	5	2.44
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	18	2.44
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	18	2.44
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	18	2.44
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	17	2.44
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	17	2.44
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	17	2.44
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	17	2.44
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	17	2.44
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	17	2.44
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	17	2.44
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	17	2.44
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	17	2.44
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	19	2.44
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	19	2.44
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	19	2.44
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	19	2.44
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	19	2.44
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	19	2.44
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	19	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	19	2.44
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	19	2.44
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	16	2.44
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	16	2.44
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	16	2.44
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	16	2.44
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	16	2.44
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	16	2.44
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	16	2.44
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	16	2.44
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	16	2.44
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	16	2.44
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	16	2.44
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	16	2.44
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	16	2.44
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	16	2.44
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	16	2.44
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	16	2.44
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	16	2.44
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	16	2.44
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	1	2.44
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	1	2.44
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	1	2.44
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	15	2.44
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	15	2.44
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	15	2.44
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	10	2.44
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	10	2.44
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	10	2.44
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	3	2.44
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	3	2.44
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	5	2.44
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	5	2.44
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	5	2.44
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	14	2.44
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	14	2.44
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	14	2.44
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	14	2.44
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	14	2.44
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	14	2.44
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	3	2.44
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	3	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	3	2.44
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	19	2.44
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	19	2.44
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	19	2.44
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	4	2.44
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	4	2.44
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	17	2.44
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	17	2.44
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	14	2.44
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	14	2.44
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	14	2.44
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	14	2.44
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	14	2.44
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	14	2.44
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	5	2.44
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	5	2.44
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	5	2.44
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	16	2.44
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	16	2.44
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	16	2.44
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	16	2.44
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	16	2.44
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	16	2.44
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	17	2.44
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	17	2.44
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	17	2.44
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	17	2.44
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	17	2.44
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	17	2.44
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	1	2.44
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	1	2.44
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	1	2.44
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	1	2.44
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	1	2.44
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	1	2.44
(1,2262)	1:897:A:ILE:HG21	1:901:A:PHE:HZ	11	2.44
(1,2262)	1:897:A:ILE:HG22	1:901:A:PHE:HZ	11	2.44
(1,2262)	1:897:A:ILE:HG23	1:901:A:PHE:HZ	11	2.44
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	5	2.44
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	5	2.44
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	5	2.44
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	11	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	11	2.44
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	15	2.44
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	15	2.44
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	17	2.44
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	17	2.44
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	4	2.44
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	4	2.44
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	4	2.44
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	9	2.44
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	9	2.44
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	9	2.44
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	14	2.44
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	14	2.44
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	14	2.44
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	14	2.44
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	14	2.44
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	14	2.44
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	3	2.44
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	3	2.44
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	3	2.44
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	10	2.44
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	10	2.44
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	10	2.44
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	10	2.44
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	10	2.44
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	10	2.44
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	10	2.44
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	10	2.44
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	10	2.44
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	18	2.44
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	18	2.44
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	18	2.44
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	18	2.44
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	18	2.44
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	18	2.44
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	18	2.44
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	18	2.44
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	18	2.44
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	1	2.44
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	1	2.44
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	1	2.44
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	6	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	6	2.44
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD11	8	2.44
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD12	8	2.44
(1,654)	1:897:A:ILE:HG21	1:926:A:LEU:HD13	8	2.44
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD11	8	2.44
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD12	8	2.44
(1,654)	1:897:A:ILE:HG22	1:926:A:LEU:HD13	8	2.44
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD11	8	2.44
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD12	8	2.44
(1,654)	1:897:A:ILE:HG23	1:926:A:LEU:HD13	8	2.44
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	11	2.44
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	11	2.44
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	11	2.44
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	11	2.44
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	11	2.44
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	11	2.44
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	11	2.44
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	11	2.44
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	11	2.44
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	13	2.44
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	13	2.44
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	13	2.44
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	16	2.44
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	16	2.44
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	16	2.44
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	19	2.44
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	19	2.44
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	19	2.44
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	17	2.44
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	17	2.44
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	17	2.44
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	18	2.44
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	18	2.44
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	18	2.44
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	2	2.44
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	2	2.44
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	2	2.44
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	2	2.44
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	2	2.44
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	2	2.44
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	2	2.44
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	2	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	2	2.44
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	20	2.44
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	20	2.44
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	20	2.44
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	1	2.44
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	1	2.44
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	1	2.44
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	1	2.44
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	1	2.44
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	1	2.44
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	10	2.44
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	10	2.44
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	10	2.44
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	10	2.44
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	10	2.44
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	10	2.44
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	13	2.44
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	13	2.44
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	19	2.44
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	19	2.44
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	20	2.44
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	20	2.44
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	9	2.44
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	9	2.44
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	9	2.44
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	6	2.44
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	6	2.44
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	6	2.44
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	6	2.44
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	6	2.44
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	6	2.44
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	6	2.44
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	6	2.44
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	6	2.44
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	20	2.44
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	20	2.44
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	20	2.44
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	20	2.44
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	20	2.44
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	20	2.44
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	1	2.44
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	1	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	1	2.44
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	1	2.44
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	1	2.44
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	1	2.44
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	1	2.44
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	1	2.44
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	1	2.44
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	13	2.44
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	13	2.44
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	13	2.44
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	13	2.44
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	13	2.44
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	13	2.44
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	13	2.44
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	13	2.44
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	13	2.44
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	4	2.44
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	4	2.44
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	4	2.44
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	4	2.44
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	4	2.44
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	4	2.44
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	4	2.44
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	4	2.44
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	4	2.44
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	6	2.44
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	6	2.44
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	6	2.44
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	6	2.44
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	6	2.44
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	6	2.44
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	6	2.44
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	6	2.44
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	6	2.44
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	10	2.44
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	10	2.44
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	10	2.44
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	10	2.44
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	10	2.44
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	10	2.44
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	6	2.44
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	6	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	6	2.44
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	6	2.44
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	6	2.44
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	6	2.44
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	6	2.44
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	6	2.44
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	6	2.44
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	8	2.44
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	8	2.44
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	8	2.44
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	8	2.44
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	8	2.44
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	8	2.44
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	8	2.44
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	8	2.44
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	8	2.44
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	17	2.44
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	17	2.44
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	17	2.44
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	17	2.44
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	17	2.44
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	17	2.44
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	17	2.44
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	17	2.44
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	17	2.44
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	2	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	3	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	3	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	3	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	3	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	3	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	3	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	3	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	3	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	3	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	3	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	3	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	3	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	7	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	7	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	7	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	7	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	7	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	7	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	7	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	7	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	7	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	7	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	7	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	7	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	13	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	13	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	13	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	13	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	13	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	13	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	13	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	13	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	13	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	13	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	13	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	13	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	18	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	18	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	18	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	18	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	18	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	18	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	18	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	18	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	18	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	18	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	18	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	18	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	19	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	19	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	19	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	19	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	19	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	19	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	19	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	19	2.44
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	19	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	19	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	19	2.44
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	19	2.44
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	12	2.43
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	12	2.43
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	1	2.43
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	1	2.43
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	1	2.43
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	1	2.43
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	1	2.43
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	1	2.43
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	7	2.43
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	7	2.43
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	7	2.43
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	7	2.43
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	9	2.43
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	9	2.43
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	9	2.43
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	9	2.43
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	9	2.43
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	9	2.43
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	17	2.43
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	17	2.43
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	17	2.43
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	17	2.43
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	1	2.43
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	1	2.43
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	1	2.43
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	1	2.43
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	13	2.43
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	13	2.43
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	13	2.43
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	13	2.43
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	13	2.43
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	13	2.43
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	3	2.43
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	3	2.43
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	11	2.43
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	11	2.43
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	13	2.43
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	13	2.43
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	13	2.43
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	13	2.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	19	2.43
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	19	2.43
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	19	2.43
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	19	2.43
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	6	2.43
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	6	2.43
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	10	2.43
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	10	2.43
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	19	2.43
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	19	2.43
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	2	2.43
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	2	2.43
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	2	2.43
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	2	2.43
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	2	2.43
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	2	2.43
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	14	2.43
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	14	2.43
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	14	2.43
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	14	2.43
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	14	2.43
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	14	2.43
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	5	2.43
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	5	2.43
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	5	2.43
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	5	2.43
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	3	2.43
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	3	2.43
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	3	2.43
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	3	2.43
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	3	2.43
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	3	2.43
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	11	2.43
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	2	2.43
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	13	2.43
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	13	2.43
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	13	2.43
(1,2917)	1:886:A:LEU:HD21	1:924:A:TYR:HB3	13	2.43
(1,2917)	1:886:A:LEU:HD22	1:924:A:TYR:HB3	13	2.43
(1,2917)	1:886:A:LEU:HD23	1:924:A:TYR:HB3	13	2.43
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	13	2.43
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	13	2.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	13	2.43
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	16	2.43
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	16	2.43
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	16	2.43
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	18	2.43
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	18	2.43
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	18	2.43
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	12	2.43
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	12	2.43
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	12	2.43
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	12	2.43
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	12	2.43
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	12	2.43
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	12	2.43
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	12	2.43
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	12	2.43
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	6	2.43
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	6	2.43
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	6	2.43
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	6	2.43
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	6	2.43
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	6	2.43
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	6	2.43
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	6	2.43
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	6	2.43
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	9	2.43
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	9	2.43
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	9	2.43
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	10	2.43
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	10	2.43
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	10	2.43
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	19	2.43
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	19	2.43
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	19	2.43
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	8	2.43
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	8	2.43
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	8	2.43
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	4	2.43
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	4	2.43
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	4	2.43
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	5	2.43
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	5	2.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	5	2.43
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	20	2.43
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	20	2.43
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	20	2.43
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	5	2.43
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	5	2.43
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	8	2.43
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	8	2.43
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	9	2.43
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	9	2.43
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	9	2.43
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	9	2.43
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	9	2.43
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	10	2.43
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	10	2.43
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	10	2.43
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	10	2.43
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	10	2.43
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	10	2.43
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	16	2.43
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	16	2.43
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	16	2.43
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	16	2.43
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	16	2.43
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	16	2.43
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	12	2.43
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	12	2.43
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	12	2.43
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	12	2.43
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	20	2.43
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	20	2.43
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	20	2.43
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	20	2.43
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	2	2.43
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	5	2.43
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	5	2.43
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	8	2.43
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	8	2.43
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	8	2.43
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	8	2.43
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	8	2.43
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	8	2.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	16	2.43
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	16	2.43
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	16	2.43
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	16	2.43
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	16	2.43
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	16	2.43
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	17	2.43
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	17	2.43
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	17	2.43
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	11	2.43
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	11	2.43
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	11	2.43
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	11	2.43
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	11	2.43
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	11	2.43
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	1	2.43
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	1	2.43
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	1	2.43
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	1	2.43
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	1	2.43
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	1	2.43
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	4	2.43
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	4	2.43
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	4	2.43
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	4	2.43
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	4	2.43
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	4	2.43
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	19	2.43
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	19	2.43
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	19	2.43
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	19	2.43
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	19	2.43
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	19	2.43
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	16	2.43
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	16	2.43
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	16	2.43
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	16	2.43
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	16	2.43
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	16	2.43
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	11	2.43
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	11	2.43
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	11	2.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	4	2.43
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	4	2.43
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	9	2.43
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	9	2.43
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	7	2.43
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	7	2.43
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	7	2.43
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	20	2.43
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	20	2.43
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	8	2.43
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	8	2.43
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	8	2.43
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	4	2.43
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	4	2.43
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	4	2.43
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	16	2.43
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	16	2.43
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	16	2.43
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	16	2.43
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	16	2.43
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	16	2.43
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	16	2.43
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	16	2.43
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	16	2.43
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	1	2.43
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	1	2.43
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	1	2.43
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	9	2.43
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	9	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	2	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	2	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	2	2.43
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	2	2.43
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	2	2.43
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	2	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	2	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	2	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	2	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	7	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	7	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	7	2.43
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	7	2.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	7	2.43
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	7	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	7	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	7	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	7	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	11	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	11	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	11	2.43
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	11	2.43
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	11	2.43
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	11	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	11	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	11	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	11	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	13	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	13	2.43
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	13	2.43
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	13	2.43
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	13	2.43
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	13	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	13	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	13	2.43
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	13	2.43
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG21	12	2.43
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG22	12	2.43
(1,652)	1:854:A:ILE:HG21	1:897:A:ILE:HG23	12	2.43
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG21	12	2.43
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG22	12	2.43
(1,652)	1:854:A:ILE:HG22	1:897:A:ILE:HG23	12	2.43
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG21	12	2.43
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG22	12	2.43
(1,652)	1:854:A:ILE:HG23	1:897:A:ILE:HG23	12	2.43
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	13	2.43
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	13	2.43
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	13	2.43
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	13	2.43
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	3	2.43
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	1	2.43
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	1	2.43
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	1	2.43
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	8	2.43
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	8	2.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	8	2.43
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	11	2.43
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	11	2.43
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	11	2.43
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	19	2.43
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	19	2.43
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	19	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	1	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	1	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	1	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	1	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	1	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	1	2.43
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	1	2.43
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	1	2.43
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	1	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	7	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	7	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	7	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	7	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	7	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	7	2.43
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	7	2.43
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	7	2.43
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	7	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	9	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	9	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	9	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	9	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	9	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	9	2.43
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	9	2.43
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	9	2.43
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	9	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	20	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	20	2.43
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	20	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	20	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	20	2.43
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	20	2.43
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	20	2.43
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	20	2.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	20	2.43
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	10	2.43
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	10	2.43
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	10	2.43
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	2	2.43
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	2	2.43
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	2	2.43
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	2	2.43
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	2	2.43
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	2	2.43
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	14	2.43
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	14	2.43
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	14	2.43
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	14	2.43
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	14	2.43
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	14	2.43
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	10	2.43
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	10	2.43
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	10	2.43
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD11	19	2.43
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD12	19	2.43
(1,426)	1:868:A:LEU:HB2	1:868:A:LEU:HD13	19	2.43
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG21	5	2.43
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG22	5	2.43
(1,386)	1:862:A:ILE:HG12	1:869:A:VAL:HG23	5	2.43
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	13	2.43
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	13	2.43
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	13	2.43
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	13	2.43
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	13	2.43
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	13	2.43
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	5	2.43
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	5	2.43
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	5	2.43
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	2	2.43
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	14	2.43
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	15	2.43
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	15	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	4	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	4	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	4	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	4	2.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	4	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	4	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	5	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	5	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	5	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	5	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	5	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	5	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	8	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	8	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	8	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	8	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	8	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	8	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	12	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	12	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	12	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	12	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	12	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	12	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	14	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	14	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	14	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	14	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	14	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	14	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	15	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	15	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	15	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	15	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	15	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	15	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG12	17	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG12	17	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG12	17	2.43
(1,85)	1:813:A:ILE:HG21	1:813:A:ILE:HG13	17	2.43
(1,85)	1:813:A:ILE:HG22	1:813:A:ILE:HG13	17	2.43
(1,85)	1:813:A:ILE:HG23	1:813:A:ILE:HG13	17	2.43
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	4	2.43
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	4	2.43
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	4	2.43
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	4	2.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	4	2.43
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	4	2.43
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	4	2.43
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	4	2.43
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	4	2.43
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	5	2.43
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	6	2.43
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	6	2.43
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	6	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	1	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	1	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	1	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	1	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	1	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	1	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	1	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	1	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	1	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	1	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	1	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	1	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	9	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	9	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	9	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	9	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	9	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	9	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	9	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	9	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	9	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	9	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	9	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	9	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	10	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	10	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	10	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	10	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	10	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	10	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	10	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	10	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	10	2.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	10	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	10	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	10	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	14	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	14	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	14	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	14	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	14	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	14	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	14	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	14	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	14	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	14	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	14	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	14	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	17	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	17	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	17	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	17	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	17	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	17	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	17	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	17	2.43
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	17	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	17	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	17	2.43
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	17	2.43
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	5	2.42
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	5	2.42
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	2	2.42
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	2	2.42
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	2	2.42
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	2	2.42
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	2	2.42
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	2	2.42
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	3	2.42
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	3	2.42
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	18	2.42
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	18	2.42
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	12	2.42
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	12	2.42
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	12	2.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	12	2.42
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	12	2.42
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	12	2.42
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	19	2.42
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	19	2.42
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	19	2.42
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	19	2.42
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	5	2.42
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	5	2.42
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	5	2.42
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	5	2.42
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	5	2.42
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	5	2.42
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	1	2.42
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	1	2.42
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	1	2.42
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	1	2.42
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	1	2.42
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	1	2.42
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	3	2.42
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	3	2.42
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	3	2.42
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	1	2.42
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	17	2.42
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	17	2.42
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	17	2.42
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	5	2.42
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	5	2.42
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	5	2.42
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	1	2.42
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	1	2.42
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	1	2.42
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	2	2.42
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	2	2.42
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	2	2.42
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	16	2.42
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	16	2.42
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	16	2.42
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	5	2.42
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	5	2.42
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	5	2.42
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	5	2.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	5	2.42
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	5	2.42
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	5	2.42
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	5	2.42
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	5	2.42
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	11	2.42
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	11	2.42
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	11	2.42
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	11	2.42
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	11	2.42
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	11	2.42
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	11	2.42
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	11	2.42
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	11	2.42
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	17	2.42
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	17	2.42
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	17	2.42
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	17	2.42
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	17	2.42
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	17	2.42
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	17	2.42
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	17	2.42
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	17	2.42
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	8	2.42
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	8	2.42
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	8	2.42
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	8	2.42
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	8	2.42
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	8	2.42
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	8	2.42
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	8	2.42
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	8	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	3	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	3	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	3	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	6	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	6	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	6	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	12	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	12	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	12	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	19	2.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	19	2.42
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	19	2.42
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	1	2.42
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	1	2.42
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	1	2.42
(1,2703)	1:854:A:ILE:HG21	1:855:A:GLN:HE22	6	2.42
(1,2703)	1:854:A:ILE:HG22	1:855:A:GLN:HE22	6	2.42
(1,2703)	1:854:A:ILE:HG23	1:855:A:GLN:HE22	6	2.42
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	6	2.42
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	6	2.42
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	6	2.42
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	6	2.42
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	6	2.42
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	6	2.42
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	12	2.42
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	12	2.42
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	12	2.42
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	12	2.42
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	11	2.42
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	11	2.42
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	11	2.42
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	11	2.42
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	11	2.42
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	11	2.42
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	13	2.42
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	13	2.42
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	13	2.42
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	13	2.42
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	13	2.42
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	13	2.42
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	8	2.42
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	8	2.42
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	8	2.42
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	12	2.42
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	12	2.42
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	15	2.42
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	15	2.42
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	6	2.42
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	6	2.42
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	6	2.42
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	6	2.42
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	6	2.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	6	2.42
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	15	2.42
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	15	2.42
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	15	2.42
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	15	2.42
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	15	2.42
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	15	2.42
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	1	2.42
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	1	2.42
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	1	2.42
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	1	2.42
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	1	2.42
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	1	2.42
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	10	2.42
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	10	2.42
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	10	2.42
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	10	2.42
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	10	2.42
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	10	2.42
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	1	2.42
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	1	2.42
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	1	2.42
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	19	2.42
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	19	2.42
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	19	2.42
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	18	2.42
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	18	2.42
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	18	2.42
(1,2028)	1:910:A:ASN:H	1:911:A:HIS:H	8	2.42
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	14	2.42
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	12	2.42
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	12	2.42
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD13	12	2.42
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD11	12	2.42
(1,1599)	1:871:A:GLN:HE22	1:874:A:LEU:HD12	12	2.42
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	4	2.42
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	4	2.42
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	4	2.42
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	7	2.42
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	2	2.42
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	2	2.42
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	2	2.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	6	2.42
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	6	2.42
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	12	2.42
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	12	2.42
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	2	2.42
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	2	2.42
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	2	2.42
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	2	2.42
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	2	2.42
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	2	2.42
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	2	2.42
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	2	2.42
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	2	2.42
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	13	2.42
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	13	2.42
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	13	2.42
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	13	2.42
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	13	2.42
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	13	2.42
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	13	2.42
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	13	2.42
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	13	2.42
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	13	2.42
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	13	2.42
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	15	2.42
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	15	2.42
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	7	2.42
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	7	2.42
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	7	2.42
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	16	2.42
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	16	2.42
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	16	2.42
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	16	2.42
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	16	2.42
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	16	2.42
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	16	2.42
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	11	2.42
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	11	2.42
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	11	2.42
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	11	2.42
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	11	2.42
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	11	2.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	11	2.42
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	11	2.42
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	11	2.42
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	18	2.42
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	18	2.42
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	18	2.42
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	18	2.42
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	18	2.42
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	18	2.42
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	18	2.42
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	18	2.42
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	18	2.42
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	14	2.42
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	14	2.42
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	5	2.42
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	5	2.42
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	19	2.42
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	19	2.42
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	19	2.42
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	7	2.42
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	7	2.42
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	7	2.42
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	14	2.42
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	14	2.42
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	14	2.42
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	14	2.42
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	14	2.42
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	14	2.42
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	19	2.42
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	19	2.42
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	19	2.42
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	19	2.42
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	19	2.42
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	19	2.42
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	19	2.42
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	19	2.42
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	19	2.42
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	19	2.42
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	19	2.42
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	19	2.42
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	19	2.42
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	19	2.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	19	2.42
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	12	2.42
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	12	2.42
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	12	2.42
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	12	2.42
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	12	2.42
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	12	2.42
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	12	2.42
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	12	2.42
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	12	2.42
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD21	16	2.42
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD22	16	2.42
(1,113)	1:816:A:LEU:HB3	1:816:A:LEU:HD23	16	2.42
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	19	2.42
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	12	2.42
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	12	2.42
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	12	2.42
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	12	2.42
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	12	2.42
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	12	2.42
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	12	2.42
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	12	2.42
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	12	2.42
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	14	2.42
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	14	2.42
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	14	2.42
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	14	2.42
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	14	2.42
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	14	2.42
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	14	2.42
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	14	2.42
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	14	2.42
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	15	2.42
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	15	2.42
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	15	2.42
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	15	2.42
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	15	2.42
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	15	2.42
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	15	2.42
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	15	2.42
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	15	2.42
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	3	2.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,52)	1:809:A:PHE:HD2	1:810:A:GLY:HA3	17	2.42
(1,52)	1:809:A:PHE:HD1	1:810:A:GLY:HA3	17	2.42
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	20	2.42
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	20	2.42
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	20	2.42
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	12	2.42
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	12	2.42
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	12	2.42
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	12	2.42
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	12	2.42
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	12	2.42
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	12	2.42
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	12	2.42
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	12	2.42
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	12	2.42
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	12	2.42
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	12	2.42
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	9	2.41
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	9	2.41
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	9	2.41
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	9	2.41
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	9	2.41
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	9	2.41
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	2	2.41
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	2	2.41
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	12	2.41
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	12	2.41
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	10	2.41
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	10	2.41
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	10	2.41
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	10	2.41
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	8	2.41
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	8	2.41
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	17	2.41
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	17	2.41
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	17	2.41
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	17	2.41
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	17	2.41
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	17	2.41
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	18	2.41
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	18	2.41
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	18	2.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	18	2.41
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	18	2.41
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	18	2.41
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	15	2.41
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	15	2.41
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	15	2.41
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	15	2.41
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	15	2.41
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	15	2.41
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	5	2.41
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	5	2.41
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	5	2.41
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	8	2.41
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	8	2.41
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	8	2.41
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	13	2.41
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	13	2.41
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	13	2.41
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	4	2.41
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	4	2.41
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	4	2.41
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	4	2.41
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	4	2.41
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	4	2.41
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	4	2.41
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	4	2.41
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	4	2.41
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	16	2.41
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	16	2.41
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	16	2.41
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	10	2.41
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	10	2.41
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	10	2.41
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	10	2.41
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	10	2.41
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	10	2.41
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	10	2.41
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	10	2.41
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	10	2.41
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	4	2.41
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	4	2.41
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	4	2.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	4	2.41
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	4	2.41
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	4	2.41
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	4	2.41
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	4	2.41
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	4	2.41
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD11	11	2.41
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD12	11	2.41
(1,2800)	1:873:A:LEU:HB3	1:873:A:LEU:HD13	11	2.41
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	14	2.41
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	14	2.41
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	14	2.41
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	15	2.41
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	15	2.41
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	15	2.41
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	15	2.41
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	15	2.41
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	15	2.41
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	8	2.41
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	8	2.41
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	8	2.41
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	1	2.41
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	1	2.41
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	1	2.41
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	1	2.41
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	5	2.41
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	5	2.41
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	8	2.41
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	8	2.41
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	20	2.41
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	20	2.41
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	20	2.41
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	20	2.41
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	20	2.41
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	20	2.41
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	11	2.41
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	11	2.41
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	11	2.41
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	11	2.41
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	11	2.41
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	11	2.41
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	12	2.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	12	2.41
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	12	2.41
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	12	2.41
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	12	2.41
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	12	2.41
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	16	2.41
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	16	2.41
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	16	2.41
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	16	2.41
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	16	2.41
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	16	2.41
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	2	2.41
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	2	2.41
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	2	2.41
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	2	2.41
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	2	2.41
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	2	2.41
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	4	2.41
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	4	2.41
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	4	2.41
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	4	2.41
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	4	2.41
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	4	2.41
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	14	2.41
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	14	2.41
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	3	2.41
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	3	2.41
(1,1858)	1:890:A:SER:H	1:893:A:GLN:HE21	7	2.41
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	7	2.41
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	7	2.41
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	2	2.41
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	2	2.41
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	4	2.41
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	4	2.41
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	4	2.41
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	11	2.41
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	11	2.41
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	11	2.41
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	13	2.41
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	13	2.41
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	18	2.41
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	18	2.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	20	2.41
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	20	2.41
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	14	2.41
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	14	2.41
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	14	2.41
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	14	2.41
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	14	2.41
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	14	2.41
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	14	2.41
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	14	2.41
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	14	2.41
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	20	2.41
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	20	2.41
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	20	2.41
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	20	2.41
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	20	2.41
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	20	2.41
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	20	2.41
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	20	2.41
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	20	2.41
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB2	18	2.41
(1,788)	1:834:A:PRO:HB2	1:875:A:TYR:HB3	18	2.41
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	8	2.41
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	8	2.41
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	8	2.41
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	12	2.41
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	12	2.41
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	5	2.41
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	5	2.41
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	5	2.41
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	3	2.41
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	3	2.41
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	3	2.41
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	3	2.41
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	3	2.41
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	3	2.41
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD12	12	2.41
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD13	12	2.41
(1,556)	1:886:A:LEU:HA	1:889:A:ILE:HD11	12	2.41
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	3	2.41
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	3	2.41
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	3	2.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	3	2.41
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	3	2.41
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	3	2.41
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	3	2.41
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	3	2.41
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	3	2.41
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	1	2.41
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	1	2.41
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	1	2.41
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	9	2.41
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	9	2.41
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	9	2.41
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	5	2.41
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	5	2.41
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	5	2.41
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	18	2.41
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	18	2.41
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	18	2.41
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	1	2.41
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	1	2.41
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	1	2.41
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	8	2.41
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	8	2.41
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	8	2.41
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	11	2.41
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	11	2.41
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	11	2.41
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	20	2.41
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	20	2.41
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	20	2.41
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	17	2.41
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	17	2.41
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	17	2.41
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	17	2.41
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	17	2.41
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	17	2.41
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	9	2.41
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	15	2.41
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	15	2.41
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	15	2.41
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	15	2.41
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	15	2.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	15	2.41
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	20	2.41
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	20	2.41
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	20	2.41
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	20	2.41
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	20	2.41
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	20	2.41
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	13	2.41
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	13	2.41
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	13	2.41
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	13	2.41
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	13	2.41
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	13	2.41
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	13	2.41
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	13	2.41
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	13	2.41
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	10	2.41
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	16	2.41
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	16	2.41
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	16	2.41
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	20	2.41
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	18	2.41
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	1	2.41
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	13	2.41
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	13	2.41
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	13	2.41
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	13	2.41
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	13	2.41
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	13	2.41
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	13	2.41
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	13	2.41
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	13	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	4	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	4	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	4	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	4	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	4	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	4	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	4	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	4	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	4	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	4	2.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	4	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	4	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	11	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	11	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	11	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	11	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	11	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	11	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	11	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	11	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	11	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	11	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	11	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	11	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD11	20	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD12	20	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD13	20	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD11	20	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD12	20	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD13	20	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD21	20	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD22	20	2.41
(1,8)	1:798:A:LEU:HB2	1:798:A:LEU:HD23	20	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD21	20	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD22	20	2.41
(1,8)	1:798:A:LEU:HB3	1:798:A:LEU:HD23	20	2.41
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	7	2.4
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	7	2.4
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	7	2.4
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	7	2.4
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	7	2.4
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	7	2.4
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	7	2.4
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	7	2.4
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB2	13	2.4
(1,3271)	1:873:A:LEU:HA	1:876:A:LEU:HB3	13	2.4
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	5	2.4
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	5	2.4
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	5	2.4
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	5	2.4
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	5	2.4
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	5	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	8	2.4
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	8	2.4
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	8	2.4
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	8	2.4
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	8	2.4
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	8	2.4
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	10	2.4
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	10	2.4
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	10	2.4
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	10	2.4
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	10	2.4
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	10	2.4
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	3	2.4
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	3	2.4
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	9	2.4
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	9	2.4
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	9	2.4
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	9	2.4
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	15	2.4
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	15	2.4
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	15	2.4
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	15	2.4
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	18	2.4
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	18	2.4
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	18	2.4
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	18	2.4
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	18	2.4
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	18	2.4
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	1	2.4
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	1	2.4
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	14	2.4
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	14	2.4
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	14	2.4
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	18	2.4
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	16	2.4
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	16	2.4
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	16	2.4
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	16	2.4
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	16	2.4
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	16	2.4
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	16	2.4
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	16	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	16	2.4
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	11	2.4
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	11	2.4
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	11	2.4
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	11	2.4
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	11	2.4
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	11	2.4
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	11	2.4
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	11	2.4
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	11	2.4
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	8	2.4
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	8	2.4
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	8	2.4
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	8	2.4
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	8	2.4
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	8	2.4
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	8	2.4
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	8	2.4
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	8	2.4
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	3	2.4
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	3	2.4
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	3	2.4
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	3	2.4
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	3	2.4
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	3	2.4
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	19	2.4
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	19	2.4
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	19	2.4
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	19	2.4
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	19	2.4
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	19	2.4
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	4	2.4
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	4	2.4
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	4	2.4
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	9	2.4
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	9	2.4
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	9	2.4
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	18	2.4
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	18	2.4
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	18	2.4
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	16	2.4
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	4	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	12	2.4
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	12	2.4
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	12	2.4
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	12	2.4
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	12	2.4
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	12	2.4
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	3	2.4
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	3	2.4
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	3	2.4
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	3	2.4
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	3	2.4
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	3	2.4
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	11	2.4
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	11	2.4
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	11	2.4
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	11	2.4
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	11	2.4
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	18	2.4
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	18	2.4
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	15	2.4
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	15	2.4
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	11	2.4
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	11	2.4
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	13	2.4
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	13	2.4
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	3	2.4
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	3	2.4
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	3	2.4
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	3	2.4
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	3	2.4
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	3	2.4
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	5	2.4
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	5	2.4
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	5	2.4
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	5	2.4
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	5	2.4
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	5	2.4
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	8	2.4
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	8	2.4
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	8	2.4
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	8	2.4
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	8	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	8	2.4
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	14	2.4
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	14	2.4
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	20	2.4
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	20	2.4
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	20	2.4
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	19	2.4
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	19	2.4
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	19	2.4
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	7	2.4
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	7	2.4
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	19	2.4
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	19	2.4
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	20	2.4
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	20	2.4
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	20	2.4
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	11	2.4
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	11	2.4
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	11	2.4
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	19	2.4
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	19	2.4
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	19	2.4
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	3	2.4
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	3	2.4
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	8	2.4
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	8	2.4
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	8	2.4
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	16	2.4
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	16	2.4
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	16	2.4
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	16	2.4
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	16	2.4
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	16	2.4
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	16	2.4
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	16	2.4
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	16	2.4
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	15	2.4
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	15	2.4
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	15	2.4
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	2	2.4
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	2	2.4
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	4	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	4	2.4
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	16	2.4
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	16	2.4
(1,596)	1:889:A:ILE:HG21	1:893:A:GLN:HB2	3	2.4
(1,596)	1:889:A:ILE:HG22	1:893:A:GLN:HB2	3	2.4
(1,596)	1:889:A:ILE:HG23	1:893:A:GLN:HB2	3	2.4
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	5	2.4
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	11	2.4
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	11	2.4
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	11	2.4
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	11	2.4
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	11	2.4
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	11	2.4
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	11	2.4
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	11	2.4
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	11	2.4
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	10	2.4
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	10	2.4
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	10	2.4
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	10	2.4
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	10	2.4
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	10	2.4
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	10	2.4
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	10	2.4
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	10	2.4
(1,467)	1:857:A:LEU:HD21	1:872:A:HIS:HB3	16	2.4
(1,467)	1:857:A:LEU:HD22	1:872:A:HIS:HB3	16	2.4
(1,467)	1:857:A:LEU:HD23	1:872:A:HIS:HB3	16	2.4
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	13	2.4
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	13	2.4
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	13	2.4
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	13	2.4
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	13	2.4
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	13	2.4
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	4	2.4
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	4	2.4
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	9	2.4
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	9	2.4
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	7	2.4
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	7	2.4
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	7	2.4
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	15	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	15	2.4
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	15	2.4
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	17	2.4
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	17	2.4
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	17	2.4
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	18	2.4
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	18	2.4
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	18	2.4
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	17	2.4
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	17	2.4
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	17	2.4
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	3	2.4
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	3	2.4
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	3	2.4
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	5	2.4
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	5	2.4
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	5	2.4
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	12	2.4
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	12	2.4
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	12	2.4
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	12	2.4
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	12	2.4
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	12	2.4
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	12	2.4
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	12	2.4
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	12	2.4
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	14	2.4
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	14	2.4
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	12	2.4
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	12	2.4
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	12	2.4
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	12	2.4
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	12	2.4
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	12	2.4
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	12	2.4
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	12	2.4
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	12	2.4
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	4	2.4
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	4	2.4
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	4	2.4
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	11	2.4
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	8	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	12	2.4
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	15	2.4
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	12	2.4
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	12	2.4
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	12	2.4
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	18	2.4
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	18	2.4
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	18	2.4
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	4	2.4
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	4	2.4
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	4	2.4
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	1	2.39
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	1	2.39
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	1	2.39
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	1	2.39
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	1	2.39
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	1	2.39
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	1	2.39
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	1	2.39
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	1	2.39
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	1	2.39
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	7	2.39
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	7	2.39
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	7	2.39
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	7	2.39
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	7	2.39
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	7	2.39
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	15	2.39
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	15	2.39
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	17	2.39
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	17	2.39
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	2	2.39
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	2	2.39
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	19	2.39
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	19	2.39
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	19	2.39
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	19	2.39
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	19	2.39
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	19	2.39
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	11	2.39
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	11	2.39
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	11	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	11	2.39
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	11	2.39
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	11	2.39
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	13	2.39
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	13	2.39
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	13	2.39
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	13	2.39
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	13	2.39
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	13	2.39
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	19	2.39
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	19	2.39
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	19	2.39
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	19	2.39
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	19	2.39
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	19	2.39
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	19	2.39
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	19	2.39
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	3	2.39
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	3	2.39
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	3	2.39
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	3	2.39
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	3	2.39
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	3	2.39
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	14	2.39
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	14	2.39
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	14	2.39
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	14	2.39
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	14	2.39
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	14	2.39
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	15	2.39
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	15	2.39
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	15	2.39
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	15	2.39
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	10	2.39
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	10	2.39
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	10	2.39
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	10	2.39
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	18	2.39
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	18	2.39
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	18	2.39
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	19	2.39
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	19	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	19	2.39
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	13	2.39
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	13	2.39
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	13	2.39
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	17	2.39
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	17	2.39
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	17	2.39
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	3	2.39
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	3	2.39
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	3	2.39
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	11	2.39
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	11	2.39
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	11	2.39
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	17	2.39
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	17	2.39
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	17	2.39
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	19	2.39
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	19	2.39
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	19	2.39
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	11	2.39
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	11	2.39
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	11	2.39
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	2	2.39
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	2	2.39
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	2	2.39
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	9	2.39
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	9	2.39
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	9	2.39
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	9	2.39
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	9	2.39
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	9	2.39
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	9	2.39
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	9	2.39
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	9	2.39
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	17	2.39
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	17	2.39
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	17	2.39
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	17	2.39
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	17	2.39
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	17	2.39
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	11	2.39
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	11	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	11	2.39
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	13	2.39
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	13	2.39
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	13	2.39
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD1	13	2.39
(1,2696)	1:886:A:LEU:HD21	1:924:A:TYR:HD2	13	2.39
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD1	13	2.39
(1,2696)	1:886:A:LEU:HD22	1:924:A:TYR:HD2	13	2.39
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD1	13	2.39
(1,2696)	1:886:A:LEU:HD23	1:924:A:TYR:HD2	13	2.39
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	17	2.39
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	17	2.39
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	17	2.39
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	17	2.39
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	17	2.39
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	17	2.39
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	20	2.39
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	20	2.39
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	20	2.39
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	20	2.39
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	20	2.39
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	20	2.39
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	5	2.39
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	5	2.39
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	9	2.39
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	9	2.39
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	15	2.39
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	15	2.39
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	17	2.39
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	17	2.39
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	2	2.39
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	2	2.39
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	6	2.39
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	6	2.39
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	8	2.39
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	8	2.39
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	5	2.39
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	5	2.39
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	20	2.39
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	20	2.39
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	20	2.39
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	20	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	20	2.39
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	20	2.39
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	14	2.39
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	14	2.39
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	14	2.39
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	14	2.39
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	14	2.39
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	14	2.39
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	20	2.39
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	20	2.39
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	20	2.39
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	20	2.39
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	20	2.39
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	20	2.39
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	19	2.39
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	19	2.39
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	19	2.39
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	19	2.39
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	19	2.39
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	19	2.39
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	12	2.39
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	12	2.39
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	12	2.39
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	12	2.39
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	12	2.39
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	12	2.39
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	4	2.39
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	16	2.39
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	16	2.39
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	20	2.39
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	20	2.39
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	10	2.39
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	10	2.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	8	2.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	8	2.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	8	2.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	8	2.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	8	2.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	8	2.39
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	8	2.39
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	14	2.39
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	14	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	14	2.39
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	17	2.39
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	17	2.39
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	17	2.39
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	3	2.39
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	3	2.39
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	3	2.39
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	3	2.39
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	3	2.39
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	3	2.39
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	17	2.39
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	17	2.39
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	17	2.39
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	17	2.39
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	17	2.39
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	17	2.39
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	17	2.39
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	17	2.39
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	17	2.39
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	19	2.39
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	19	2.39
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	19	2.39
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	19	2.39
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	19	2.39
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	19	2.39
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	19	2.39
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	19	2.39
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	19	2.39
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	15	2.39
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	15	2.39
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	15	2.39
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	4	2.39
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	4	2.39
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	4	2.39
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	18	2.39
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	18	2.39
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	18	2.39
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	3	2.39
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	3	2.39
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	14	2.39
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	14	2.39
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	14	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	19	2.39
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	19	2.39
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	19	2.39
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	19	2.39
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	19	2.39
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	19	2.39
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	19	2.39
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	19	2.39
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	19	2.39
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	7	2.39
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	7	2.39
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	7	2.39
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	7	2.39
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	19	2.39
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	19	2.39
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	19	2.39
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	19	2.39
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	7	2.39
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	15	2.39
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	15	2.39
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	15	2.39
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	7	2.39
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	7	2.39
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	7	2.39
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	20	2.39
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	20	2.39
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	20	2.39
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	17	2.39
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	17	2.39
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	17	2.39
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	17	2.39
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	17	2.39
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	17	2.39
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	17	2.39
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	17	2.39
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	17	2.39
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	11	2.39
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	11	2.39
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	16	2.39
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	16	2.39
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	20	2.39
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	20	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	20	2.39
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	14	2.39
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	14	2.39
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	14	2.39
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	4	2.39
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	4	2.39
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	4	2.39
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	11	2.39
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	11	2.39
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	11	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	4	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	4	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	4	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	5	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	5	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	5	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	9	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	9	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	9	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	14	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	14	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	14	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	16	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	16	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	16	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	20	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	20	2.39
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	20	2.39
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	3	2.39
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	3	2.39
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	3	2.39
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	5	2.39
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	5	2.39
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	5	2.39
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	5	2.39
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	5	2.39
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	5	2.39
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	5	2.39
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	5	2.39
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	5	2.39
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	19	2.39
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	19	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	19	2.39
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	19	2.39
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	19	2.39
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	19	2.39
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	19	2.39
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	19	2.39
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	19	2.39
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	20	2.39
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	20	2.39
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	20	2.39
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	20	2.39
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	20	2.39
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	20	2.39
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	6	2.39
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	6	2.39
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	6	2.39
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	6	2.39
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	6	2.39
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	6	2.39
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	6	2.39
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	6	2.39
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	6	2.39
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	8	2.39
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	8	2.39
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	8	2.39
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	8	2.39
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	8	2.39
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	8	2.39
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	8	2.39
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	8	2.39
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	8	2.39
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	2	2.39
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	5	2.39
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	20	2.39
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	10	2.39
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	10	2.39
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	10	2.39
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	10	2.39
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	10	2.39
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	10	2.39
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	10	2.39
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	10	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	10	2.39
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	20	2.39
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	20	2.39
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	20	2.39
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	20	2.39
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	20	2.39
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	20	2.39
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	20	2.39
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	20	2.39
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	20	2.39
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	15	2.38
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	15	2.38
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	15	2.38
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	15	2.38
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	2	2.38
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	2	2.38
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	5	2.38
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	5	2.38
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	17	2.38
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	17	2.38
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	17	2.38
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	17	2.38
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	3	2.38
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	3	2.38
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	3	2.38
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	3	2.38
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	3	2.38
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	3	2.38
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	1	2.38
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	1	2.38
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	1	2.38
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	1	2.38
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	8	2.38
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	8	2.38
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	8	2.38
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	8	2.38
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	5	2.38
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	5	2.38
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	5	2.38
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	5	2.38
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	5	2.38
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	5	2.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	15	2.38
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	15	2.38
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	15	2.38
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	15	2.38
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	15	2.38
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	15	2.38
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	8	2.38
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	8	2.38
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	17	2.38
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	17	2.38
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	17	2.38
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	17	2.38
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	17	2.38
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	17	2.38
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	14	2.38
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	14	2.38
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	14	2.38
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	14	2.38
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	14	2.38
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	14	2.38
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB2	16	2.38
(1,3111)	1:832:A:THR:HG21	1:836:A:ASP:HB3	16	2.38
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB2	16	2.38
(1,3111)	1:832:A:THR:HG22	1:836:A:ASP:HB3	16	2.38
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB2	16	2.38
(1,3111)	1:832:A:THR:HG23	1:836:A:ASP:HB3	16	2.38
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	8	2.38
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	8	2.38
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	8	2.38
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	8	2.38
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	8	2.38
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	8	2.38
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	1	2.38
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	1	2.38
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	1	2.38
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	1	2.38
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	1	2.38
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	1	2.38
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	5	2.38
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	5	2.38
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	9	2.38
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	19	2.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	19	2.38
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	19	2.38
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	18	2.38
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	18	2.38
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	18	2.38
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	13	2.38
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	13	2.38
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	13	2.38
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	12	2.38
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	12	2.38
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	12	2.38
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	18	2.38
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	18	2.38
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	18	2.38
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD21	8	2.38
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD22	8	2.38
(1,2843)	1:869:A:VAL:HG21	1:904:A:LEU:HD23	8	2.38
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD21	8	2.38
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD22	8	2.38
(1,2843)	1:869:A:VAL:HG22	1:904:A:LEU:HD23	8	2.38
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD21	8	2.38
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD22	8	2.38
(1,2843)	1:869:A:VAL:HG23	1:904:A:LEU:HD23	8	2.38
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	1	2.38
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	1	2.38
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	1	2.38
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	1	2.38
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	1	2.38
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	1	2.38
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	16	2.38
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	16	2.38
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	16	2.38
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	7	2.38
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	7	2.38
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	7	2.38
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	15	2.38
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	15	2.38
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	15	2.38
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	17	2.38
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	17	2.38
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	18	2.38
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	18	2.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	19	2.38
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	11	2.38
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	8	2.38
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	8	2.38
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	8	2.38
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	8	2.38
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	15	2.38
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	15	2.38
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	15	2.38
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	15	2.38
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	17	2.38
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	17	2.38
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	17	2.38
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	17	2.38
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	6	2.38
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	6	2.38
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	6	2.38
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	6	2.38
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	13	2.38
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	19	2.38
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	19	2.38
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	19	2.38
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	19	2.38
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	19	2.38
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	19	2.38
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	11	2.38
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	11	2.38
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	11	2.38
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	11	2.38
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	11	2.38
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	11	2.38
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	12	2.38
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	12	2.38
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	12	2.38
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	12	2.38
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	12	2.38
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	12	2.38
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	13	2.38
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	13	2.38
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	13	2.38
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	13	2.38
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	13	2.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	13	2.38
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	11	2.38
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	11	2.38
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	11	2.38
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	17	2.38
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	17	2.38
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	17	2.38
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	17	2.38
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	17	2.38
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	17	2.38
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	15	2.38
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	15	2.38
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	15	2.38
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	15	2.38
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	15	2.38
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	15	2.38
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	2	2.38
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	2	2.38
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	2	2.38
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	2	2.38
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	2	2.38
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	2	2.38
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	3	2.38
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	3	2.38
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	3	2.38
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	3	2.38
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	3	2.38
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	3	2.38
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	18	2.38
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	18	2.38
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	18	2.38
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	18	2.38
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	18	2.38
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	18	2.38
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	15	2.38
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	15	2.38
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	15	2.38
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	11	2.38
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	2	2.38
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	2	2.38
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	7	2.38
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	7	2.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	7	2.38
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	18	2.38
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	15	2.38
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	15	2.38
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	12	2.38
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	12	2.38
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	7	2.38
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	7	2.38
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	17	2.38
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	17	2.38
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	17	2.38
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	17	2.38
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	17	2.38
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	17	2.38
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	17	2.38
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	17	2.38
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	17	2.38
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	11	2.38
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	11	2.38
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	11	2.38
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	11	2.38
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	11	2.38
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	11	2.38
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	15	2.38
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	15	2.38
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	15	2.38
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	15	2.38
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	15	2.38
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	15	2.38
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	15	2.38
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	15	2.38
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	15	2.38
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	19	2.38
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	19	2.38
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	16	2.38
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	16	2.38
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	16	2.38
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	16	2.38
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	16	2.38
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	16	2.38
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	20	2.38
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	20	2.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	20	2.38
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	20	2.38
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	20	2.38
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	20	2.38
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	13	2.38
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	13	2.38
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	13	2.38
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	7	2.38
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	7	2.38
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	7	2.38
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	13	2.38
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	13	2.38
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	13	2.38
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	16	2.38
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	16	2.38
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	16	2.38
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	16	2.38
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	16	2.38
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	16	2.38
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	16	2.38
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	16	2.38
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	16	2.38
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	11	2.38
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	11	2.38
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	11	2.38
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	11	2.38
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	11	2.38
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	11	2.38
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	16	2.38
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	16	2.38
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	16	2.38
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	16	2.38
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	16	2.38
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	16	2.38
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	1	2.38
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	1	2.38
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	1	2.38
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	1	2.38
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	1	2.38
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	1	2.38
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	1	2.38
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	1	2.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	1	2.38
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	6	2.38
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	6	2.38
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	7	2.38
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	7	2.38
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	7	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	1	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	1	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	1	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	2	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	2	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	2	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	3	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	3	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	3	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	6	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	6	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	6	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	10	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	10	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	10	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	11	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	11	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	11	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	12	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	12	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	12	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	13	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	13	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	13	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD23	19	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD21	19	2.38
(1,315)	1:853:A:LEU:HB2	1:853:A:LEU:HD22	19	2.38
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	2	2.38
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	2	2.38
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	2	2.38
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	4	2.38
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	4	2.38
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	4	2.38
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	14	2.38
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	14	2.38
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	14	2.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	1	2.38
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	1	2.38
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	1	2.38
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	9	2.38
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	9	2.38
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	9	2.38
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	9	2.38
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	9	2.38
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	9	2.38
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	9	2.38
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	9	2.38
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	9	2.38
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	7	2.38
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	7	2.38
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	7	2.38
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	7	2.38
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	7	2.38
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	12	2.38
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	12	2.38
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	12	2.38
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	12	2.38
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	12	2.38
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	12	2.38
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	12	2.38
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	12	2.38
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	12	2.38
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	8	2.38
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	8	2.38
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	8	2.38
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	8	2.38
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	8	2.38
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	8	2.38
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	12	2.38
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	12	2.38
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	12	2.38
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	2	2.38
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	2	2.38
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	2	2.38
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	10	2.38
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	10	2.38
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	10	2.38
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	10	2.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	10	2.38
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	10	2.38
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	10	2.38
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	10	2.38
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	10	2.38
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	13	2.37
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	13	2.37
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	13	2.37
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	13	2.37
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	13	2.37
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	13	2.37
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	1	2.37
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	1	2.37
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	1	2.37
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	1	2.37
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	1	2.37
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	1	2.37
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	13	2.37
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	13	2.37
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	13	2.37
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	13	2.37
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	13	2.37
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	13	2.37
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	2	2.37
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	2	2.37
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	2	2.37
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	2	2.37
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	2	2.37
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	2	2.37
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	7	2.37
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	7	2.37
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	14	2.37
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	14	2.37
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	14	2.37
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	14	2.37
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	14	2.37
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	14	2.37
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	7	2.37
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	7	2.37
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	7	2.37
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	7	2.37
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	7	2.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	7	2.37
(1,3168)	1:847:A:GLY:HA2	1:851:A:LEU:H	17	2.37
(1,3168)	1:847:A:GLY:HA3	1:851:A:LEU:H	17	2.37
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	7	2.37
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	7	2.37
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	16	2.37
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	16	2.37
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	16	2.37
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	16	2.37
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	16	2.37
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	16	2.37
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	2	2.37
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	2	2.37
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	2	2.37
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	2	2.37
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	19	2.37
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	19	2.37
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	19	2.37
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	19	2.37
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	11	2.37
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	11	2.37
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	11	2.37
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	2	2.37
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	2	2.37
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	2	2.37
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	16	2.37
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	16	2.37
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	16	2.37
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	2	2.37
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	2	2.37
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	2	2.37
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	10	2.37
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	10	2.37
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	10	2.37
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	6	2.37
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	6	2.37
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	6	2.37
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	11	2.37
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	11	2.37
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	11	2.37
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	17	2.37
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	17	2.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	17	2.37
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	16	2.37
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	16	2.37
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	16	2.37
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	15	2.37
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	15	2.37
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	5	2.37
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	6	2.37
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	9	2.37
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	9	2.37
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	9	2.37
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	9	2.37
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	9	2.37
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	19	2.37
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	19	2.37
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	19	2.37
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	19	2.37
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD1	19	2.37
(1,2621)	1:920:A:LEU:HD11	1:924:A:TYR:HD2	19	2.37
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD1	19	2.37
(1,2621)	1:920:A:LEU:HD12	1:924:A:TYR:HD2	19	2.37
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD1	19	2.37
(1,2621)	1:920:A:LEU:HD13	1:924:A:TYR:HD2	19	2.37
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	7	2.37
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	7	2.37
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	7	2.37
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	7	2.37
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	7	2.37
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	7	2.37
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	1	2.37
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	1	2.37
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	18	2.37
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	18	2.37
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	2	2.37
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	2	2.37
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	13	2.37
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	13	2.37
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	3	2.37
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	3	2.37
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	3	2.37
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	3	2.37
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	3	2.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	3	2.37
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	3	2.37
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	3	2.37
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	3	2.37
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	17	2.37
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	17	2.37
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	17	2.37
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	17	2.37
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	17	2.37
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	17	2.37
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	11	2.37
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	11	2.37
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	11	2.37
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	11	2.37
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	11	2.37
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	11	2.37
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	7	2.37
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	7	2.37
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	7	2.37
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	7	2.37
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	7	2.37
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	7	2.37
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	11	2.37
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	11	2.37
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	18	2.37
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	18	2.37
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	3	2.37
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	3	2.37
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	3	2.37
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	3	2.37
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	3	2.37
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	3	2.37
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	13	2.37
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	13	2.37
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	13	2.37
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	13	2.37
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	13	2.37
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	13	2.37
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	16	2.37
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	7	2.37
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	12	2.37
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	12	2.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	12	2.37
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	2	2.37
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	2	2.37
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	2	2.37
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	10	2.37
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	10	2.37
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	1	2.37
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	20	2.37
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	20	2.37
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	20	2.37
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	10	2.37
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	10	2.37
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	10	2.37
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	9	2.37
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	9	2.37
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	9	2.37
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	8	2.37
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	8	2.37
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	8	2.37
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	12	2.37
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	12	2.37
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	12	2.37
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	5	2.37
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	5	2.37
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	5	2.37
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	7	2.37
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	7	2.37
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	7	2.37
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	20	2.37
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	20	2.37
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	20	2.37
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	5	2.37
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	5	2.37
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	5	2.37
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	5	2.37
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	5	2.37
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	5	2.37
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	5	2.37
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	5	2.37
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	5	2.37
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	17	2.37
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	17	2.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	17	2.37
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	17	2.37
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	17	2.37
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	17	2.37
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	17	2.37
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	17	2.37
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	17	2.37
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	18	2.37
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	18	2.37
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	18	2.37
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	18	2.37
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	18	2.37
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	18	2.37
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	18	2.37
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	18	2.37
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	18	2.37
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	11	2.37
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	11	2.37
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	11	2.37
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	7	2.37
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	7	2.37
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	7	2.37
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	16	2.37
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	16	2.37
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	6	2.37
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	6	2.37
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	6	2.37
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	10	2.37
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	10	2.37
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	4	2.37
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	4	2.37
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	4	2.37
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	8	2.37
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	8	2.37
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	8	2.37
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	4	2.37
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	4	2.37
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	4	2.37
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	4	2.37
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	4	2.37
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	4	2.37
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	4	2.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	4	2.37
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	4	2.37
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	16	2.37
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	16	2.37
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	16	2.37
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	16	2.37
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	16	2.37
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	16	2.37
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	19	2.37
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	19	2.37
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	19	2.37
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	5	2.37
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	5	2.37
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	5	2.37
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	5	2.37
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	5	2.37
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	5	2.37
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	5	2.37
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	5	2.37
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	5	2.37
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	4	2.37
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	4	2.37
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	4	2.37
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	9	2.37
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	9	2.37
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	9	2.37
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	1	2.37
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	1	2.37
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	5	2.37
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	5	2.37
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	13	2.37
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	13	2.37
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	13	2.37
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	13	2.37
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	13	2.37
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	13	2.37
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	13	2.37
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	13	2.37
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	13	2.37
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	17	2.37
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	17	2.37
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	17	2.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	17	2.37
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	17	2.37
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	17	2.37
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	5	2.37
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	5	2.37
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	5	2.37
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	5	2.37
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	5	2.37
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	5	2.37
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	2	2.37
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	2	2.37
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	2	2.37
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	7	2.37
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	7	2.37
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	7	2.37
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	2	2.37
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	3	2.37
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	5	2.36
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	5	2.36
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	5	2.36
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	5	2.36
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	5	2.36
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	5	2.36
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	12	2.36
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	12	2.36
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	12	2.36
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	12	2.36
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	16	2.36
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	16	2.36
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	16	2.36
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	16	2.36
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	15	2.36
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	15	2.36
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	15	2.36
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	15	2.36
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	15	2.36
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	15	2.36
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	12	2.36
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	12	2.36
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	12	2.36
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	12	2.36
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	12	2.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	12	2.36
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	6	2.36
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	6	2.36
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	9	2.36
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	9	2.36
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE2	2	2.36
(1,3285)	1:877:A:SER:HB2	1:882:A:PHE:HE1	2	2.36
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE2	2	2.36
(1,3285)	1:877:A:SER:HB3	1:882:A:PHE:HE1	2	2.36
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	11	2.36
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	11	2.36
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	11	2.36
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	11	2.36
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	11	2.36
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	11	2.36
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	15	2.36
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	15	2.36
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	15	2.36
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	15	2.36
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	15	2.36
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	15	2.36
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	16	2.36
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	16	2.36
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	16	2.36
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	16	2.36
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	16	2.36
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	16	2.36
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	15	2.36
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	15	2.36
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	6	2.36
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	6	2.36
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	6	2.36
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	6	2.36
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	6	2.36
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	6	2.36
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	3	2.36
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	3	2.36
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	5	2.36
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	7	2.36
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	12	2.36
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	3	2.36
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	3	2.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	3	2.36
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	13	2.36
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	13	2.36
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	13	2.36
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	15	2.36
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	15	2.36
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	15	2.36
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	9	2.36
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	9	2.36
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	9	2.36
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	17	2.36
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	17	2.36
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	17	2.36
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	11	2.36
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	11	2.36
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	11	2.36
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	11	2.36
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	11	2.36
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	11	2.36
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	13	2.36
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	13	2.36
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	13	2.36
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	13	2.36
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	13	2.36
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	13	2.36
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	13	2.36
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	13	2.36
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	13	2.36
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	6	2.36
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	6	2.36
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	6	2.36
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	6	2.36
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	1	2.36
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	1	2.36
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	1	2.36
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	1	2.36
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	3	2.36
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	3	2.36
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	12	2.36
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	12	2.36
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	18	2.36
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	20	2.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	17	2.36
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	17	2.36
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	16	2.36
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	16	2.36
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	16	2.36
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	16	2.36
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	16	2.36
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	16	2.36
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	17	2.36
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	17	2.36
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	17	2.36
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	17	2.36
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	17	2.36
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	17	2.36
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	13	2.36
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	13	2.36
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	13	2.36
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	13	2.36
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	13	2.36
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	13	2.36
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	13	2.36
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	13	2.36
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	13	2.36
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	13	2.36
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	13	2.36
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	13	2.36
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	2	2.36
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	2	2.36
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	2	2.36
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	2	2.36
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	2	2.36
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	2	2.36
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	20	2.36
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	20	2.36
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	20	2.36
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	20	2.36
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	20	2.36
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	20	2.36
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	8	2.36
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	8	2.36
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	8	2.36
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	10	2.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	10	2.36
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	10	2.36
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	20	2.36
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	20	2.36
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	6	2.36
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	6	2.36
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	7	2.36
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	7	2.36
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	7	2.36
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	7	2.36
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	7	2.36
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	7	2.36
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	14	2.36
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	17	2.36
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	17	2.36
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	17	2.36
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	17	2.36
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	17	2.36
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	19	2.36
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	19	2.36
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	19	2.36
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	19	2.36
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	19	2.36
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	19	2.36
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	19	2.36
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	19	2.36
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	19	2.36
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	6	2.36
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	6	2.36
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	6	2.36
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	6	2.36
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	6	2.36
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	6	2.36
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	6	2.36
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	6	2.36
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	6	2.36
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	13	2.36
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	13	2.36
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	13	2.36
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	13	2.36
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	13	2.36
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	13	2.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	13	2.36
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	13	2.36
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	13	2.36
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	15	2.36
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	15	2.36
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	20	2.36
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	20	2.36
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	20	2.36
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	20	2.36
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	20	2.36
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	5	2.36
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	5	2.36
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	20	2.36
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	20	2.36
(1,583)	1:885:A:MET:HA	1:888:A:LEU:HG	20	2.36
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	9	2.36
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	9	2.36
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	9	2.36
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	9	2.36
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	14	2.36
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	14	2.36
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	14	2.36
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	14	2.36
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	14	2.36
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	14	2.36
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	14	2.36
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	14	2.36
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	14	2.36
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	19	2.36
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	19	2.36
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	19	2.36
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	19	2.36
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	19	2.36
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	19	2.36
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	19	2.36
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	19	2.36
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	19	2.36
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	6	2.36
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	6	2.36
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	10	2.36
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	10	2.36
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	14	2.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	14	2.36
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	13	2.36
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	13	2.36
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	13	2.36
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	13	2.36
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	13	2.36
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	13	2.36
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	2	2.36
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	2	2.36
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	2	2.36
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	2	2.36
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	2	2.36
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	2	2.36
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	15	2.36
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	2	2.36
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	2	2.36
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	2	2.36
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	2	2.36
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	2	2.36
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	2	2.36
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	2	2.36
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	2	2.36
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	2	2.36
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	3	2.36
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	3	2.36
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	3	2.36
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	3	2.36
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	3	2.36
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	3	2.36
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	12	2.36
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	12	2.36
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	12	2.36
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	12	2.36
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	12	2.36
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	12	2.36
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	7	2.36
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	7	2.36
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	7	2.36
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	7	2.36
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	7	2.36
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	7	2.36
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	13	2.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	13	2.36
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	13	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	13	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	13	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	13	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	13	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	13	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	13	2.36
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	15	2.36
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	15	2.36
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	15	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	15	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	15	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	15	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	15	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	15	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	15	2.36
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	16	2.36
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	16	2.36
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	16	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	16	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	16	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	16	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	16	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	16	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	16	2.36
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	19	2.36
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	19	2.36
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	19	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	19	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	19	2.36
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	19	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	19	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	19	2.36
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	19	2.36
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	10	2.36
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	10	2.36
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	10	2.36
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	10	2.36
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	10	2.36
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	10	2.36
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	10	2.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	10	2.36
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	10	2.36
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	6	2.36
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	6	2.36
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	6	2.36
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	6	2.36
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	6	2.36
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	6	2.36
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	1	2.36
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	1	2.36
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	1	2.36
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	15	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	1	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	1	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	1	2.36
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	1	2.36
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	1	2.36
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	1	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	1	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	1	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	1	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	7	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	7	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	7	2.36
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	7	2.36
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	7	2.36
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	7	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	7	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	7	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	7	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	9	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	9	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	9	2.36
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	9	2.36
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	9	2.36
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	9	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	9	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	9	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	9	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	19	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	19	2.36
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	19	2.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	19	2.36
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	19	2.36
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	19	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	19	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	19	2.36
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	19	2.36
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	17	2.36
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	17	2.36
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	17	2.36
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	17	2.36
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	17	2.36
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	17	2.36
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD11	13	2.35
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD12	13	2.35
(1,3386)	1:921:A:LYS:HE2	1:926:A:LEU:HD13	13	2.35
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	13	2.35
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	13	2.35
(1,3386)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	13	2.35
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	3	2.35
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	3	2.35
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	3	2.35
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	3	2.35
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	3	2.35
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	3	2.35
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	5	2.35
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	5	2.35
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	5	2.35
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	5	2.35
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	5	2.35
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	5	2.35
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	15	2.35
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	15	2.35
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	19	2.35
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	19	2.35
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	19	2.35
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	19	2.35
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	19	2.35
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	19	2.35
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	19	2.35
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	19	2.35
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	19	2.35
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	19	2.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	13	2.35
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	13	2.35
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	19	2.35
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	19	2.35
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	20	2.35
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	20	2.35
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	12	2.35
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	12	2.35
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	12	2.35
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	12	2.35
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	12	2.35
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	12	2.35
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	18	2.35
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	18	2.35
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	18	2.35
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	18	2.35
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	18	2.35
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	18	2.35
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	5	2.35
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	5	2.35
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	14	2.35
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	14	2.35
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	14	2.35
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	14	2.35
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	14	2.35
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	14	2.35
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	3	2.35
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	3	2.35
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	3	2.35
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	3	2.35
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	3	2.35
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	3	2.35
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	10	2.35
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	10	2.35
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	10	2.35
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	10	2.35
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	10	2.35
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	10	2.35
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	3	2.35
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	3	2.35
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	15	2.35
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	17	2.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	14	2.35
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	14	2.35
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	14	2.35
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	17	2.35
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	17	2.35
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	17	2.35
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	8	2.35
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	6	2.35
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	6	2.35
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	6	2.35
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	15	2.35
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	15	2.35
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	15	2.35
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	16	2.35
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	16	2.35
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	16	2.35
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	12	2.35
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	12	2.35
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	12	2.35
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	18	2.35
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	18	2.35
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	18	2.35
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	4	2.35
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	4	2.35
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	4	2.35
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	14	2.35
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	14	2.35
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	14	2.35
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	10	2.35
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	10	2.35
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	10	2.35
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	10	2.35
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	10	2.35
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	10	2.35
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	10	2.35
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	10	2.35
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	10	2.35
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	13	2.35
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	13	2.35
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	13	2.35
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	13	2.35
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	13	2.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	13	2.35
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	13	2.35
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	13	2.35
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	13	2.35
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	18	2.35
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	18	2.35
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	18	2.35
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	18	2.35
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	18	2.35
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	18	2.35
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	18	2.35
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	18	2.35
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	18	2.35
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	9	2.35
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	9	2.35
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	9	2.35
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	9	2.35
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	9	2.35
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	9	2.35
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	18	2.35
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	18	2.35
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	18	2.35
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	18	2.35
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	18	2.35
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	18	2.35
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD21	16	2.35
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD22	16	2.35
(1,2758)	1:816:A:LEU:HA	1:816:A:LEU:HD23	16	2.35
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	1	2.35
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	1	2.35
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	16	2.35
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	16	2.35
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	10	2.35
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	10	2.35
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	10	2.35
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	10	2.35
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	14	2.35
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	14	2.35
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	14	2.35
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	14	2.35
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	15	2.35
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	15	2.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	15	2.35
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	15	2.35
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	14	2.35
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	14	2.35
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	14	2.35
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	14	2.35
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	14	2.35
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	14	2.35
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	14	2.35
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	14	2.35
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	14	2.35
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	7	2.35
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	7	2.35
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	7	2.35
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	7	2.35
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	7	2.35
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	7	2.35
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	3	2.35
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	3	2.35
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	3	2.35
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	3	2.35
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	3	2.35
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	3	2.35
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	5	2.35
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	5	2.35
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	5	2.35
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	5	2.35
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	5	2.35
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	5	2.35
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	16	2.35
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	16	2.35
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	16	2.35
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	16	2.35
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	16	2.35
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	16	2.35
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	7	2.35
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	7	2.35
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	7	2.35
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	7	2.35
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	7	2.35
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	7	2.35
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	1	2.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	1	2.35
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	14	2.35
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	14	2.35
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	14	2.35
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	5	2.35
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	5	2.35
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	6	2.35
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	6	2.35
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	6	2.35
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	10	2.35
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	10	2.35
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	10	2.35
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	19	2.35
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	19	2.35
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	14	2.35
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	8	2.35
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	8	2.35
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	8	2.35
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	18	2.35
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	18	2.35
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	18	2.35
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	19	2.35
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	19	2.35
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	11	2.35
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	11	2.35
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	16	2.35
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	2	2.35
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	2	2.35
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	2	2.35
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	19	2.35
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	19	2.35
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	19	2.35
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	18	2.35
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	18	2.35
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	18	2.35
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	5	2.35
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	5	2.35
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	5	2.35
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	5	2.35
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	5	2.35
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	5	2.35
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	5	2.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	5	2.35
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	5	2.35
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	7	2.35
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	7	2.35
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	7	2.35
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	7	2.35
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	7	2.35
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	7	2.35
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	7	2.35
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	7	2.35
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	7	2.35
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	14	2.35
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	14	2.35
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	14	2.35
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	14	2.35
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	14	2.35
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	14	2.35
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	14	2.35
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	14	2.35
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	14	2.35
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	18	2.35
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	18	2.35
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	18	2.35
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	18	2.35
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	18	2.35
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	18	2.35
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	13	2.35
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	13	2.35
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	17	2.35
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	17	2.35
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	16	2.35
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	16	2.35
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	16	2.35
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	16	2.35
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	4	2.35
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	4	2.35
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	4	2.35
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	4	2.35
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	4	2.35
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	4	2.35
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	4	2.35
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	4	2.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	4	2.35
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	12	2.35
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	12	2.35
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	12	2.35
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	12	2.35
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	12	2.35
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	12	2.35
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	12	2.35
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	12	2.35
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	12	2.35
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB2	1	2.35
(1,434)	1:869:A:VAL:HA	1:872:A:HIS:HB3	1	2.35
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	3	2.35
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	3	2.35
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	3	2.35
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	5	2.35
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	5	2.35
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	5	2.35
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	18	2.35
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	18	2.35
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	18	2.35
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	5	2.35
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	5	2.35
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	5	2.35
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	13	2.35
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	13	2.35
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	13	2.35
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	13	2.35
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	13	2.35
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	13	2.35
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	17	2.35
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	17	2.35
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	17	2.35
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	17	2.35
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	17	2.35
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	17	2.35
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	11	2.35
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	4	2.35
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	4	2.35
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	4	2.35
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	15	2.35
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	15	2.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	15	2.35
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	8	2.35
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	8	2.35
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	8	2.35
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	8	2.35
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	8	2.35
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	8	2.35
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	8	2.35
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	8	2.35
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	8	2.35
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	9	2.35
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	9	2.35
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	9	2.35
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	9	2.35
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	9	2.35
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	9	2.35
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	9	2.35
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	9	2.35
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	9	2.35
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	20	2.35
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	20	2.35
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	20	2.35
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	20	2.35
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	20	2.35
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	20	2.35
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	20	2.35
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	20	2.35
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	20	2.35
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	8	2.35
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	8	2.35
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	8	2.35
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB1	3	2.35
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB2	3	2.35
(1,147)	1:821:A:ASP:HB3	1:824:A:ALA:HB3	3	2.35
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	2	2.35
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	2	2.35
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	2	2.35
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	2	2.35
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	2	2.35
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	2	2.35
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	2	2.35
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	2	2.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	2	2.35
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	13	2.35
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	13	2.35
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	13	2.35
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	13	2.35
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	13	2.35
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	13	2.35
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	13	2.35
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	13	2.35
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	13	2.35
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	12	2.35
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	12	2.35
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	12	2.35
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	11	2.34
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	11	2.34
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	11	2.34
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	11	2.34
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	11	2.34
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	11	2.34
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	20	2.34
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	20	2.34
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	20	2.34
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	20	2.34
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	20	2.34
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	20	2.34
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	8	2.34
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	8	2.34
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	8	2.34
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	8	2.34
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	9	2.34
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	9	2.34
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	3	2.34
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	3	2.34
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	3	2.34
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	3	2.34
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	3	2.34
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	3	2.34
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	5	2.34
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	5	2.34
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	10	2.34
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	10	2.34
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	14	2.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	14	2.34
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	14	2.34
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	14	2.34
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	14	2.34
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	14	2.34
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	19	2.34
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	19	2.34
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	19	2.34
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	19	2.34
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	19	2.34
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	19	2.34
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	17	2.34
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	17	2.34
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	17	2.34
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	17	2.34
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	12	2.34
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	12	2.34
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	12	2.34
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	12	2.34
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	12	2.34
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	12	2.34
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	11	2.34
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	11	2.34
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	11	2.34
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	11	2.34
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	20	2.34
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	20	2.34
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	20	2.34
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	20	2.34
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	20	2.34
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	20	2.34
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	2	2.34
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	2	2.34
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	2	2.34
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	11	2.34
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	11	2.34
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	11	2.34
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	19	2.34
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	19	2.34
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	19	2.34
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	5	2.34
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	5	2.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	5	2.34
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	9	2.34
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	9	2.34
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	9	2.34
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	11	2.34
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	11	2.34
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	11	2.34
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	20	2.34
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	20	2.34
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	20	2.34
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	14	2.34
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	14	2.34
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	14	2.34
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	17	2.34
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	17	2.34
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	17	2.34
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	10	2.34
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	10	2.34
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	10	2.34
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	15	2.34
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	15	2.34
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	15	2.34
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	11	2.34
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	11	2.34
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	11	2.34
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	11	2.34
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	11	2.34
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	11	2.34
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	11	2.34
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	11	2.34
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	11	2.34
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	10	2.34
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	10	2.34
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	10	2.34
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	10	2.34
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	10	2.34
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	10	2.34
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	7	2.34
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	7	2.34
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	7	2.34
(1,2769)	1:813:A:ILE:HG21	1:849:A:THR:HB	20	2.34
(1,2769)	1:813:A:ILE:HG22	1:849:A:THR:HB	20	2.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2769)	1:813:A:ILE:HG23	1:849:A:THR:HB	20	2.34
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	16	2.34
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	16	2.34
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	16	2.34
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	4	2.34
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	4	2.34
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	20	2.34
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	20	2.34
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	20	2.34
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	20	2.34
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	20	2.34
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	16	2.34
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	16	2.34
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	16	2.34
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	13	2.34
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	13	2.34
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	18	2.34
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	18	2.34
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	9	2.34
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	9	2.34
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	9	2.34
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	9	2.34
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	15	2.34
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	17	2.34
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	6	2.34
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	6	2.34
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	19	2.34
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	19	2.34
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	4	2.34
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	4	2.34
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	4	2.34
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	4	2.34
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	4	2.34
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	4	2.34
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	9	2.34
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	9	2.34
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	9	2.34
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	9	2.34
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	9	2.34
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	9	2.34
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD23	9	2.34
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD21	9	2.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2349)	1:809:A:PHE:HE2	1:828:A:LEU:HD22	9	2.34
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD23	9	2.34
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD21	9	2.34
(1,2349)	1:809:A:PHE:HE1	1:828:A:LEU:HD22	9	2.34
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	10	2.34
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	10	2.34
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	10	2.34
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	10	2.34
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	10	2.34
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	10	2.34
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	17	2.34
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	17	2.34
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	17	2.34
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	17	2.34
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	17	2.34
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	17	2.34
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	2	2.34
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	2	2.34
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	2	2.34
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	2	2.34
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	2	2.34
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	2	2.34
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	6	2.34
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	6	2.34
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	6	2.34
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	6	2.34
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	6	2.34
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	6	2.34
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	7	2.34
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	7	2.34
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	7	2.34
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	7	2.34
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	7	2.34
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	7	2.34
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	12	2.34
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	12	2.34
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	12	2.34
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	2	2.34
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	18	2.34
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	4	2.34
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	4	2.34
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	4	2.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	10	2.34
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	10	2.34
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	8	2.34
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	8	2.34
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	8	2.34
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	16	2.34
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	16	2.34
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	16	2.34
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	18	2.34
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	18	2.34
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	3	2.34
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	3	2.34
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	3	2.34
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	18	2.34
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	18	2.34
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	20	2.34
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	20	2.34
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	20	2.34
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	13	2.34
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	9	2.34
(1,940)	1:804:A:ASN:HB2	1:805:A:ASN:HD21	17	2.34
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	2	2.34
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	2	2.34
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	2	2.34
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	2	2.34
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	2	2.34
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	2	2.34
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	2	2.34
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	2	2.34
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	2	2.34
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	1	2.34
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	1	2.34
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	1	2.34
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	8	2.34
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	8	2.34
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	8	2.34
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	2	2.34
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	2	2.34
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	2	2.34
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	3	2.34
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	3	2.34
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	3	2.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	3	2.34
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	3	2.34
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	3	2.34
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	3	2.34
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	3	2.34
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	3	2.34
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	8	2.34
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	8	2.34
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	8	2.34
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	8	2.34
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	8	2.34
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	8	2.34
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	8	2.34
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	8	2.34
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	8	2.34
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	11	2.34
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	11	2.34
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	14	2.34
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	14	2.34
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	14	2.34
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	14	2.34
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	4	2.34
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	4	2.34
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	4	2.34
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	14	2.34
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	14	2.34
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	14	2.34
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	18	2.34
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	18	2.34
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	18	2.34
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	18	2.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	19	2.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	19	2.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	19	2.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	19	2.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	19	2.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	19	2.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	19	2.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	19	2.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	19	2.34
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	9	2.34
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	9	2.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	9	2.34
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	9	2.34
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	9	2.34
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	9	2.34
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	9	2.34
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	9	2.34
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	9	2.34
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	10	2.34
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	10	2.34
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	10	2.34
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	10	2.34
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	10	2.34
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	10	2.34
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	10	2.34
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	10	2.34
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	10	2.34
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	11	2.34
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	11	2.34
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	11	2.34
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	11	2.34
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	11	2.34
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	12	2.34
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	12	2.34
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	12	2.34
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	19	2.34
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	19	2.34
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	19	2.34
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	11	2.34
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	11	2.34
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	11	2.34
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	18	2.34
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	18	2.34
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	18	2.34
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	13	2.34
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	6	2.34
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	6	2.34
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	6	2.34
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	6	2.34
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	6	2.34
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	6	2.34
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	6	2.34
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	6	2.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	6	2.34
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	10	2.34
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	10	2.34
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	10	2.34
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	10	2.34
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	10	2.34
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	10	2.34
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	11	2.34
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	11	2.34
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	11	2.34
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	11	2.34
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	11	2.34
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	11	2.34
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	8	2.34
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	8	2.34
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	8	2.34
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	12	2.34
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	12	2.34
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	12	2.34
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	12	2.34
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	12	2.34
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	12	2.34
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	14	2.34
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	14	2.34
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	14	2.34
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	14	2.34
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	14	2.34
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	14	2.34
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	1	2.34
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	9	2.34
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	9	2.34
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	9	2.34
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	11	2.34
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	11	2.34
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	11	2.34
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	11	2.34
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	11	2.34
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	11	2.34
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	11	2.34
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	11	2.34
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	11	2.34
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	11	2.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	18	2.34
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	18	2.34
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	18	2.34
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	18	2.34
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	18	2.34
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	18	2.34
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	18	2.34
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	18	2.34
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	18	2.34
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	7	2.34
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	18	2.34
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	6	2.33
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	6	2.33
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	6	2.33
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	6	2.33
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	20	2.33
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	20	2.33
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	20	2.33
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	20	2.33
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	20	2.33
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	20	2.33
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	1	2.33
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	1	2.33
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	1	2.33
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	1	2.33
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	1	2.33
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	1	2.33
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	16	2.33
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	16	2.33
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	16	2.33
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	16	2.33
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	16	2.33
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	16	2.33
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	15	2.33
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	15	2.33
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	4	2.33
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	4	2.33
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	4	2.33
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	4	2.33
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	4	2.33
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	4	2.33
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	9	2.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	9	2.33
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	9	2.33
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	9	2.33
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	9	2.33
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	9	2.33
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	12	2.33
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	12	2.33
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	12	2.33
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	12	2.33
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	12	2.33
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	12	2.33
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	20	2.33
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	20	2.33
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	20	2.33
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	20	2.33
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	14	2.33
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	14	2.33
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	16	2.33
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	16	2.33
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	16	2.33
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	16	2.33
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	16	2.33
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	16	2.33
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	5	2.33
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	5	2.33
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	6	2.33
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	6	2.33
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	6	2.33
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	6	2.33
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	6	2.33
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	6	2.33
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	8	2.33
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	8	2.33
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	8	2.33
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	8	2.33
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	8	2.33
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	8	2.33
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	12	2.33
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	12	2.33
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	12	2.33
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	12	2.33
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	12	2.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	12	2.33
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	13	2.33
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	13	2.33
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	13	2.33
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	13	2.33
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	13	2.33
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	13	2.33
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	14	2.33
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	14	2.33
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	17	2.33
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	17	2.33
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	6	2.33
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	6	2.33
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	6	2.33
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	6	2.33
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	12	2.33
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	12	2.33
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	12	2.33
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	12	2.33
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	12	2.33
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	12	2.33
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	7	2.33
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	7	2.33
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	7	2.33
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	7	2.33
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	7	2.33
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	7	2.33
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	19	2.33
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	19	2.33
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	8	2.33
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	8	2.33
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	6	2.33
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	6	2.33
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	6	2.33
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	18	2.33
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	18	2.33
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	18	2.33
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	19	2.33
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	19	2.33
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	19	2.33
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	9	2.33
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	9	2.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	9	2.33
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	5	2.33
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	5	2.33
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	5	2.33
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	8	2.33
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	8	2.33
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	8	2.33
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	3	2.33
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	3	2.33
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	3	2.33
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	4	2.33
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	4	2.33
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	4	2.33
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD21	20	2.33
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD22	20	2.33
(1,2892)	1:877:A:SER:HG	1:920:A:LEU:HD23	20	2.33
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	10	2.33
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	10	2.33
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	10	2.33
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	15	2.33
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	15	2.33
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	15	2.33
(1,2857)	1:857:A:LEU:HD11	1:872:A:HIS:HB2	20	2.33
(1,2857)	1:857:A:LEU:HD12	1:872:A:HIS:HB2	20	2.33
(1,2857)	1:857:A:LEU:HD13	1:872:A:HIS:HB2	20	2.33
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	3	2.33
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	3	2.33
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	3	2.33
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	17	2.33
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	17	2.33
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	17	2.33
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	3	2.33
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	3	2.33
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	3	2.33
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	3	2.33
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	3	2.33
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	3	2.33
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	3	2.33
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	3	2.33
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	3	2.33
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	11	2.33
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	11	2.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	11	2.33
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	11	2.33
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	11	2.33
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	11	2.33
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	11	2.33
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	11	2.33
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	11	2.33
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	2	2.33
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	2	2.33
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	2	2.33
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	2	2.33
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	17	2.33
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	17	2.33
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	17	2.33
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	2	2.33
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	2	2.33
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	3	2.33
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	8	2.33
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	12	2.33
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	4	2.33
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	4	2.33
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	4	2.33
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	4	2.33
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	14	2.33
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	14	2.33
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	14	2.33
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	6	2.33
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	6	2.33
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	19	2.33
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	19	2.33
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	19	2.33
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	19	2.33
(1,2600)	1:914:A:LEU:HD11	1:917:A:ILE:H	2	2.33
(1,2600)	1:914:A:LEU:HD12	1:917:A:ILE:H	2	2.33
(1,2600)	1:914:A:LEU:HD13	1:917:A:ILE:H	2	2.33
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	15	2.33
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	15	2.33
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	15	2.33
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	15	2.33
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	15	2.33
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	15	2.33
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	7	2.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	7	2.33
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	5	2.33
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	5	2.33
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	5	2.33
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	11	2.33
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	7	2.33
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	7	2.33
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	3	2.33
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	3	2.33
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	3	2.33
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	3	2.33
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	3	2.33
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	3	2.33
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	7	2.33
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	7	2.33
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	7	2.33
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	7	2.33
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	7	2.33
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	7	2.33
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	12	2.33
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	12	2.33
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	12	2.33
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	12	2.33
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	12	2.33
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	12	2.33
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	3	2.33
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	3	2.33
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	3	2.33
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	3	2.33
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	3	2.33
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	3	2.33
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	16	2.33
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	16	2.33
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	16	2.33
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	16	2.33
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	16	2.33
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	16	2.33
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	16	2.33
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	16	2.33
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	16	2.33
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	16	2.33
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	16	2.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	16	2.33
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	18	2.33
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	18	2.33
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	18	2.33
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	18	2.33
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	18	2.33
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	18	2.33
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD12	19	2.33
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD13	19	2.33
(1,2327)	1:882:A:PHE:HE2	1:886:A:LEU:HD11	19	2.33
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD12	19	2.33
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD13	19	2.33
(1,2327)	1:882:A:PHE:HE1	1:886:A:LEU:HD11	19	2.33
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	1	2.33
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	1	2.33
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	13	2.33
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	13	2.33
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	13	2.33
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	13	2.33
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	13	2.33
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	13	2.33
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	3	2.33
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	3	2.33
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	3	2.33
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	3	2.33
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	3	2.33
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	3	2.33
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	15	2.33
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	15	2.33
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	20	2.33
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	20	2.33
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	2	2.33
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	2	2.33
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	2	2.33
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	12	2.33
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	12	2.33
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	12	2.33
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	10	2.33
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	9	2.33
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	9	2.33
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	20	2.33
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	20	2.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	20	2.33
(1,1667)	1:875:A:TYR:HB2	1:876:A:LEU:H	16	2.33
(1,1667)	1:875:A:TYR:HB3	1:876:A:LEU:H	16	2.33
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	4	2.33
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	14	2.33
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	12	2.33
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	12	2.33
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	12	2.33
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	12	2.33
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	12	2.33
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	15	2.33
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	15	2.33
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	15	2.33
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	19	2.33
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	19	2.33
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	19	2.33
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	1	2.33
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	3	2.33
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	5	2.33
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	5	2.33
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	5	2.33
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	15	2.33
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	15	2.33
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	15	2.33
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	11	2.33
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	11	2.33
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	11	2.33
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	11	2.33
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	11	2.33
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	11	2.33
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	11	2.33
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	11	2.33
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	11	2.33
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	11	2.33
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	11	2.33
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	11	2.33
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	12	2.33
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	12	2.33
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	12	2.33
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	12	2.33
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	12	2.33
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	12	2.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	12	2.33
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	12	2.33
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	12	2.33
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	13	2.33
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	8	2.33
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	8	2.33
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	8	2.33
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	14	2.33
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	14	2.33
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	14	2.33
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	17	2.33
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	17	2.33
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	17	2.33
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	17	2.33
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	17	2.33
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	17	2.33
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	17	2.33
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	17	2.33
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	17	2.33
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	16	2.33
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	16	2.33
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	16	2.33
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	16	2.33
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	3	2.33
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	3	2.33
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	3	2.33
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	6	2.33
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	6	2.33
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	6	2.33
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	6	2.33
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	6	2.33
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	6	2.33
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	6	2.33
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	6	2.33
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	6	2.33
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	19	2.33
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	19	2.33
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	19	2.33
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	19	2.33
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	19	2.33
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	19	2.33
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	19	2.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	19	2.33
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	19	2.33
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	15	2.33
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	15	2.33
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	15	2.33
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	10	2.33
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	10	2.33
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	10	2.33
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	10	2.33
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	4	2.33
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	4	2.33
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	4	2.33
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	4	2.33
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	4	2.33
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	4	2.33
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	1	2.33
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	1	2.33
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	1	2.33
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	17	2.33
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	17	2.33
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	17	2.33
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	15	2.33
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	9	2.33
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	9	2.33
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	9	2.33
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	13	2.33
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	13	2.33
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	13	2.33
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	13	2.33
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	3	2.33
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	3	2.33
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	3	2.33
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	3	2.33
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	3	2.33
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	3	2.33
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	3	2.33
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	3	2.33
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	3	2.33
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	15	2.33
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	15	2.33
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	15	2.33
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	1	2.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	1	2.32
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	14	2.32
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	14	2.32
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	14	2.32
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	14	2.32
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	14	2.32
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	14	2.32
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	17	2.32
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	17	2.32
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	17	2.32
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	17	2.32
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	17	2.32
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	17	2.32
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	12	2.32
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	12	2.32
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	11	2.32
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	11	2.32
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	15	2.32
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	15	2.32
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	8	2.32
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	8	2.32
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	8	2.32
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	8	2.32
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	8	2.32
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	8	2.32
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	20	2.32
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	20	2.32
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	20	2.32
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	20	2.32
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	20	2.32
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	20	2.32
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	4	2.32
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	4	2.32
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	4	2.32
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	4	2.32
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	4	2.32
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	4	2.32
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	13	2.32
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	13	2.32
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	4	2.32
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	4	2.32
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	4	2.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	4	2.32
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	4	2.32
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	4	2.32
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	17	2.32
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	17	2.32
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	4	2.32
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	4	2.32
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	12	2.32
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	12	2.32
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	12	2.32
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	12	2.32
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	8	2.32
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	8	2.32
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	8	2.32
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	8	2.32
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	8	2.32
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	8	2.32
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	9	2.32
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	9	2.32
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	15	2.32
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	15	2.32
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	15	2.32
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	18	2.32
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	18	2.32
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	18	2.32
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	8	2.32
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	8	2.32
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	8	2.32
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	11	2.32
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	5	2.32
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	5	2.32
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	5	2.32
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	11	2.32
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	11	2.32
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	11	2.32
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	7	2.32
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	7	2.32
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	7	2.32
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG22	19	2.32
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG23	19	2.32
(1,2883)	1:830:A:ALA:HA	1:831:A:ILE:HG21	19	2.32
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	13	2.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	13	2.32
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	13	2.32
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	17	2.32
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	17	2.32
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	17	2.32
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	10	2.32
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	10	2.32
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	10	2.32
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	15	2.32
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	15	2.32
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	15	2.32
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	15	2.32
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	15	2.32
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	15	2.32
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	8	2.32
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	8	2.32
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	8	2.32
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	11	2.32
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	11	2.32
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	11	2.32
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	19	2.32
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	19	2.32
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	19	2.32
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	10	2.32
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	10	2.32
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	13	2.32
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	10	2.32
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	16	2.32
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	16	2.32
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	16	2.32
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	16	2.32
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	13	2.32
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	6	2.32
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	6	2.32
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	6	2.32
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	6	2.32
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	13	2.32
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	13	2.32
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	13	2.32
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	13	2.32
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	4	2.32
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	4	2.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	15	2.32
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	15	2.32
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	13	2.32
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	10	2.32
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	10	2.32
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	1	2.32
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	1	2.32
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	1	2.32
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	1	2.32
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	1	2.32
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	1	2.32
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	16	2.32
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	16	2.32
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	16	2.32
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	16	2.32
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	16	2.32
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	16	2.32
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	9	2.32
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	9	2.32
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	9	2.32
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	9	2.32
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	9	2.32
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	9	2.32
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	4	2.32
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	4	2.32
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	4	2.32
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	4	2.32
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	4	2.32
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	4	2.32
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	12	2.32
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	12	2.32
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	12	2.32
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	12	2.32
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	12	2.32
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	12	2.32
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	13	2.32
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	13	2.32
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	13	2.32
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	13	2.32
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	13	2.32
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	13	2.32
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	2	2.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	2	2.32
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	2	2.32
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	2	2.32
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	2	2.32
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	2	2.32
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	10	2.32
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	10	2.32
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	10	2.32
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	10	2.32
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	10	2.32
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	10	2.32
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	11	2.32
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	11	2.32
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	11	2.32
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	11	2.32
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	11	2.32
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	11	2.32
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	17	2.32
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	17	2.32
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	17	2.32
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	17	2.32
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	17	2.32
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	17	2.32
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	2	2.32
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	2	2.32
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	2	2.32
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	2	2.32
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	2	2.32
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	2	2.32
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	5	2.32
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	5	2.32
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	5	2.32
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	5	2.32
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	5	2.32
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	5	2.32
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	8	2.32
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	8	2.32
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	11	2.32
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	11	2.32
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	11	2.32
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	7	2.32
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	17	2.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	17	2.32
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	6	2.32
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	1	2.32
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	1	2.32
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	1	2.32
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	5	2.32
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	5	2.32
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	5	2.32
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	12	2.32
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	2	2.32
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	2	2.32
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	11	2.32
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	11	2.32
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	9	2.32
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	9	2.32
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	9	2.32
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	9	2.32
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	9	2.32
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	9	2.32
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	9	2.32
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	9	2.32
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	9	2.32
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	18	2.32
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	18	2.32
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	18	2.32
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	18	2.32
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	18	2.32
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	18	2.32
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	18	2.32
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	18	2.32
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	18	2.32
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	3	2.32
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	3	2.32
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	3	2.32
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	3	2.32
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	3	2.32
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	3	2.32
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	3	2.32
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	3	2.32
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	3	2.32
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	16	2.32
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	16	2.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	16	2.32
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	15	2.32
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	15	2.32
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	15	2.32
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	15	2.32
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	15	2.32
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	15	2.32
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	15	2.32
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	15	2.32
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	15	2.32
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	19	2.32
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	19	2.32
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	19	2.32
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	19	2.32
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	19	2.32
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	19	2.32
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	19	2.32
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	19	2.32
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	19	2.32
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	8	2.32
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	8	2.32
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	8	2.32
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	19	2.32
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	19	2.32
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	19	2.32
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	5	2.32
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	5	2.32
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	5	2.32
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	6	2.32
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	6	2.32
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	6	2.32
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	20	2.32
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	20	2.32
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	20	2.32
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	11	2.32
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	11	2.32
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	11	2.32
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	11	2.32
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	14	2.32
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	8	2.32
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	8	2.32
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	8	2.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	8	2.32
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	8	2.32
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	8	2.32
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	6	2.32
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	6	2.32
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	6	2.32
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	6	2.32
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	6	2.32
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	6	2.32
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	6	2.32
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	6	2.32
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	6	2.32
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	2	2.32
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	2	2.32
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	2	2.32
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	13	2.32
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	13	2.32
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	13	2.32
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	12	2.32
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	12	2.32
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	12	2.32
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	9	2.32
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	9	2.32
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	9	2.32
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	20	2.32
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	20	2.32
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	20	2.32
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	16	2.32
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	16	2.32
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	17	2.32
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	17	2.32
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	17	2.32
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	12	2.32
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	12	2.32
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	12	2.32
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	12	2.32
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	12	2.32
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	12	2.32
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	12	2.32
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	19	2.32
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	12	2.32
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	12	2.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	12	2.32
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	12	2.32
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	12	2.32
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	12	2.32
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	16	2.32
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	16	2.32
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	16	2.32
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	16	2.32
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	16	2.32
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	16	2.32
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	11	2.32
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	11	2.32
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	11	2.32
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	3	2.32
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	3	2.32
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	17	2.32
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	17	2.32
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	17	2.32
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	1	2.32
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	1	2.32
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	1	2.32
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	1	2.32
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	1	2.32
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	1	2.32
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	1	2.32
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	1	2.32
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	1	2.32
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	2	2.32
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	2	2.32
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	2	2.32
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	2	2.32
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	2	2.32
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	2	2.32
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	2	2.32
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	2	2.32
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	2	2.32
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	19	2.32
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	19	2.32
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	19	2.32
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	19	2.32
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	19	2.32
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	19	2.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	19	2.32
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	19	2.32
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	19	2.32
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	3	2.32
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	3	2.32
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	3	2.32
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	3	2.32
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	3	2.32
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	3	2.32
(1,154)	1:816:A:LEU:HB3	1:825:A:CYS:HB2	13	2.32
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	16	2.32
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD11	16	2.32
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD12	16	2.32
(1,64)	1:812:A:ILE:HG23	1:828:A:LEU:HD13	16	2.32
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD11	16	2.32
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD12	16	2.32
(1,64)	1:812:A:ILE:HG21	1:828:A:LEU:HD13	16	2.32
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD11	16	2.32
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD12	16	2.32
(1,64)	1:812:A:ILE:HG22	1:828:A:LEU:HD13	16	2.32
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	9	2.31
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	9	2.31
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	9	2.31
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	9	2.31
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	16	2.31
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	16	2.31
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	2	2.31
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	2	2.31
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	17	2.31
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	17	2.31
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	17	2.31
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	17	2.31
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	17	2.31
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	17	2.31
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	17	2.31
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	17	2.31
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	3	2.31
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	3	2.31
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	3	2.31
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	3	2.31
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	4	2.31
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	4	2.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	9	2.31
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	9	2.31
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	16	2.31
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	16	2.31
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	16	2.31
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	16	2.31
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	16	2.31
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	16	2.31
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	4	2.31
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	4	2.31
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	4	2.31
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	4	2.31
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	1	2.31
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	1	2.31
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	1	2.31
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	1	2.31
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	7	2.31
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	7	2.31
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	7	2.31
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	13	2.31
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	13	2.31
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	12	2.31
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	12	2.31
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	12	2.31
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	19	2.31
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	19	2.31
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	19	2.31
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	9	2.31
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	9	2.31
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	9	2.31
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	12	2.31
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	12	2.31
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	12	2.31
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	12	2.31
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	12	2.31
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	12	2.31
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	12	2.31
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	12	2.31
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	12	2.31
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	13	2.31
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	13	2.31
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	13	2.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	13	2.31
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	13	2.31
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	13	2.31
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	13	2.31
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	13	2.31
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	13	2.31
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	15	2.31
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	15	2.31
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	15	2.31
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	15	2.31
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	15	2.31
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	15	2.31
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	15	2.31
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	15	2.31
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	15	2.31
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	7	2.31
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	7	2.31
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	7	2.31
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	2	2.31
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	2	2.31
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	2	2.31
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	2	2.31
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	2	2.31
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	2	2.31
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	2	2.31
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	2	2.31
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	2	2.31
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	9	2.31
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	9	2.31
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	9	2.31
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	9	2.31
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	9	2.31
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	9	2.31
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	9	2.31
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	9	2.31
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	9	2.31
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	10	2.31
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	10	2.31
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	10	2.31
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	11	2.31
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	11	2.31
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	11	2.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	11	2.31
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	11	2.31
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	1	2.31
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	10	2.31
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	1	2.31
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	1	2.31
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	1	2.31
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	8	2.31
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	8	2.31
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	1	2.31
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	1	2.31
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	18	2.31
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	18	2.31
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	20	2.31
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	20	2.31
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	17	2.31
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	17	2.31
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	20	2.31
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	20	2.31
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	10	2.31
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	10	2.31
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	10	2.31
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	10	2.31
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	10	2.31
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	10	2.31
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	17	2.31
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	17	2.31
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	17	2.31
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	17	2.31
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	17	2.31
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	17	2.31
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	2	2.31
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	2	2.31
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	2	2.31
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	2	2.31
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	2	2.31
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	2	2.31
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	4	2.31
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	4	2.31
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	4	2.31
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	4	2.31
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	4	2.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	4	2.31
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	20	2.31
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	20	2.31
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	20	2.31
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	20	2.31
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	20	2.31
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	20	2.31
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	18	2.31
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	18	2.31
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	18	2.31
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	18	2.31
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	18	2.31
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	18	2.31
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	15	2.31
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	15	2.31
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	8	2.31
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	8	2.31
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	7	2.31
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	7	2.31
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	7	2.31
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD11	2	2.31
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD12	2	2.31
(1,1446)	1:855:A:GLN:HE22	1:896:A:LEU:HD13	2	2.31
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	2	2.31
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	2	2.31
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	2	2.31
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	1	2.31
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	1	2.31
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	1	2.31
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	1	2.31
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	1	2.31
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	1	2.31
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	1	2.31
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	1	2.31
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	1	2.31
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	14	2.31
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	14	2.31
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	14	2.31
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	10	2.31
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	10	2.31
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	10	2.31
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	14	2.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	14	2.31
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	14	2.31
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	1	2.31
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	1	2.31
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	1	2.31
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	1	2.31
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	1	2.31
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	1	2.31
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	1	2.31
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	1	2.31
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	1	2.31
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	12	2.31
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	12	2.31
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	12	2.31
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	12	2.31
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	12	2.31
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	12	2.31
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	12	2.31
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	12	2.31
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	12	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	2	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	2	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	2	2.31
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	2	2.31
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	2	2.31
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	2	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	2	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	2	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	2	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	4	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	4	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	4	2.31
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	4	2.31
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	4	2.31
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	4	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	4	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	4	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	4	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	10	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	10	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	10	2.31
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	10	2.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	10	2.31
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	10	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	10	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	10	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	10	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	20	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	20	2.31
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	20	2.31
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	20	2.31
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	20	2.31
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	20	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	20	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	20	2.31
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	20	2.31
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	3	2.31
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	3	2.31
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	3	2.31
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	2	2.31
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	2	2.31
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	2	2.31
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	12	2.31
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	12	2.31
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	12	2.31
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	19	2.31
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	19	2.31
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	19	2.31
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	7	2.31
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	4	2.31
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	4	2.31
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	4	2.31
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	4	2.31
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	4	2.31
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	4	2.31
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	4	2.31
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	4	2.31
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	4	2.31
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	18	2.31
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	18	2.31
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	1	2.31
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	1	2.31
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	1	2.31
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	19	2.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	19	2.31
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	19	2.31
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	19	2.31
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	19	2.31
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	19	2.31
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	20	2.31
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	20	2.31
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	20	2.31
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	20	2.31
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	20	2.31
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	20	2.31
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	19	2.31
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	19	2.31
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	9	2.31
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	9	2.31
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	9	2.31
(1,246)	1:837:A:LEU:HB3	1:838:A:PRO:HD3	20	2.31
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	20	2.31
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	20	2.31
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	20	2.31
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	20	2.31
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	20	2.31
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	20	2.31
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	20	2.31
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	20	2.31
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	20	2.31
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	15	2.31
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	15	2.31
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	15	2.31
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	15	2.31
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	15	2.31
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	15	2.31
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	15	2.31
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	15	2.31
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	15	2.31
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	3	2.31
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	3	2.31
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	3	2.31
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	6	2.3
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	6	2.3
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	6	2.3
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	6	2.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	6	2.3
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	6	2.3
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	8	2.3
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	8	2.3
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	8	2.3
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	8	2.3
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	8	2.3
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	8	2.3
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	3	2.3
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	3	2.3
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	11	2.3
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	11	2.3
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	11	2.3
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	11	2.3
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	11	2.3
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	11	2.3
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	18	2.3
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	18	2.3
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	18	2.3
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	18	2.3
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	18	2.3
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	18	2.3
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	9	2.3
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	9	2.3
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	9	2.3
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	9	2.3
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	11	2.3
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	11	2.3
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	16	2.3
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	16	2.3
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	11	2.3
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	11	2.3
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	11	2.3
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	11	2.3
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	11	2.3
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	11	2.3
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	8	2.3
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	8	2.3
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	18	2.3
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	18	2.3
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	18	2.3
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	18	2.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	18	2.3
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	18	2.3
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	6	2.3
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	6	2.3
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	7	2.3
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	7	2.3
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	7	2.3
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	7	2.3
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	14	2.3
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	14	2.3
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	14	2.3
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	14	2.3
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	4	2.3
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	4	2.3
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	4	2.3
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	14	2.3
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	14	2.3
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	14	2.3
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	20	2.3
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	20	2.3
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	20	2.3
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	19	2.3
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	15	2.3
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	15	2.3
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	15	2.3
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	11	2.3
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	11	2.3
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	11	2.3
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	15	2.3
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	15	2.3
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	15	2.3
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	19	2.3
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	19	2.3
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	19	2.3
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	2	2.3
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	2	2.3
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	2	2.3
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	6	2.3
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	6	2.3
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	6	2.3
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	1	2.3
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	1	2.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	1	2.3
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	1	2.3
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	1	2.3
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	1	2.3
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	1	2.3
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	1	2.3
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	1	2.3
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	6	2.3
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	6	2.3
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	6	2.3
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	6	2.3
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	6	2.3
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	6	2.3
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	12	2.3
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	12	2.3
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	12	2.3
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	12	2.3
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	12	2.3
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	12	2.3
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	3	2.3
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	3	2.3
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	3	2.3
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	3	2.3
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	3	2.3
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	3	2.3
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	3	2.3
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	3	2.3
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	3	2.3
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	15	2.3
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	15	2.3
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	15	2.3
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	15	2.3
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	17	2.3
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	17	2.3
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	17	2.3
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	17	2.3
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	18	2.3
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	18	2.3
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	18	2.3
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	18	2.3
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	15	2.3
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	15	2.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	15	2.3
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	3	2.3
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	3	2.3
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	3	2.3
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	7	2.3
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	7	2.3
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	15	2.3
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	14	2.3
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	7	2.3
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	7	2.3
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	7	2.3
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	3	2.3
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	3	2.3
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	3	2.3
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	3	2.3
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	5	2.3
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	16	2.3
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	16	2.3
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	7	2.3
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	7	2.3
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	16	2.3
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	16	2.3
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	15	2.3
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	15	2.3
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	15	2.3
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	15	2.3
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	15	2.3
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	15	2.3
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	4	2.3
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	4	2.3
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	4	2.3
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	4	2.3
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	4	2.3
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	4	2.3
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	15	2.3
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	15	2.3
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	15	2.3
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	15	2.3
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	15	2.3
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	15	2.3
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	3	2.3
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	3	2.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	3	2.3
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	3	2.3
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	3	2.3
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	3	2.3
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	8	2.3
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	8	2.3
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	8	2.3
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	8	2.3
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	8	2.3
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	8	2.3
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	10	2.3
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	10	2.3
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	10	2.3
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	10	2.3
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	10	2.3
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	10	2.3
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	16	2.3
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	16	2.3
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	16	2.3
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	16	2.3
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	16	2.3
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	16	2.3
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	20	2.3
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	20	2.3
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	20	2.3
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	20	2.3
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	20	2.3
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	20	2.3
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	16	2.3
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	16	2.3
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	19	2.3
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	19	2.3
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	3	2.3
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	3	2.3
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	13	2.3
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	13	2.3
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	13	2.3
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	3	2.3
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	10	2.3
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	9	2.3
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	9	2.3
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	9	2.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	9	2.3
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	9	2.3
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	9	2.3
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	9	2.3
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	9	2.3
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	9	2.3
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	20	2.3
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	20	2.3
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	20	2.3
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	20	2.3
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	20	2.3
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	20	2.3
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	20	2.3
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	20	2.3
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	20	2.3
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	19	2.3
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	19	2.3
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	19	2.3
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	7	2.3
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	7	2.3
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	7	2.3
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	17	2.3
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	17	2.3
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	17	2.3
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	12	2.3
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	12	2.3
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	12	2.3
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	12	2.3
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	12	2.3
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	12	2.3
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	12	2.3
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	12	2.3
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	12	2.3
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	5	2.3
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	5	2.3
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	5	2.3
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	8	2.3
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	8	2.3
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	8	2.3
(1,809)	1:924:A:TYR:HB2	1:926:A:LEU:HG	8	2.3
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	14	2.3
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	14	2.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	14	2.3
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	18	2.3
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	18	2.3
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	7	2.3
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	7	2.3
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	7	2.3
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	7	2.3
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	7	2.3
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	7	2.3
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	17	2.3
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	17	2.3
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	17	2.3
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	17	2.3
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	17	2.3
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	17	2.3
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	17	2.3
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	17	2.3
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	17	2.3
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	2	2.3
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	2	2.3
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	2	2.3
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	2	2.3
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	2	2.3
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	2	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	1	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	1	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	1	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	8	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	8	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	8	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	10	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	10	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	10	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	11	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	11	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	11	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	13	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	13	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	13	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	16	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	16	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	16	2.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	18	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	18	2.3
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	18	2.3
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	5	2.3
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	5	2.3
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	5	2.3
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	10	2.3
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	10	2.3
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	10	2.3
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	10	2.3
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG21	17	2.3
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG22	17	2.3
(1,448)	1:861:A:LEU:HB2	1:869:A:VAL:HG23	17	2.3
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG21	17	2.3
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG22	17	2.3
(1,448)	1:861:A:LEU:HB3	1:869:A:VAL:HG23	17	2.3
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	6	2.3
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	6	2.3
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	6	2.3
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	6	2.3
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	6	2.3
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	6	2.3
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	6	2.3
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	6	2.3
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	6	2.3
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	8	2.3
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	8	2.3
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	8	2.3
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	8	2.3
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	8	2.3
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	8	2.3
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	8	2.3
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	8	2.3
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	8	2.3
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	17	2.3
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	17	2.3
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	17	2.3
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	17	2.3
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	17	2.3
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	17	2.3
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	17	2.3
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	17	2.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	17	2.3
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	14	2.3
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	14	2.3
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	14	2.3
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	15	2.3
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	15	2.3
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	15	2.3
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	15	2.3
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	15	2.3
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	15	2.3
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	16	2.3
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	16	2.3
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	16	2.3
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	16	2.3
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	16	2.3
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	16	2.3
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	15	2.3
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	15	2.3
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	15	2.3
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	15	2.3
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	15	2.3
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	15	2.3
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	15	2.3
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	15	2.3
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	15	2.3
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	8	2.3
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	15	2.3
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	15	2.3
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	15	2.3
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	6	2.3
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	11	2.3
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	14	2.3
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	3	2.3
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	3	2.3
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	3	2.3
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	3	2.3
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	3	2.3
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	3	2.3
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	3	2.3
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	3	2.3
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	3	2.3
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	5	2.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	5	2.3
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	5	2.3
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	5	2.3
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	5	2.3
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	5	2.3
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	5	2.3
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	5	2.3
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	5	2.3
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	16	2.3
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	16	2.3
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	16	2.3
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	7	2.29
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	7	2.29
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	7	2.29
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	7	2.29
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	7	2.29
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	7	2.29
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	4	2.29
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	4	2.29
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	13	2.29
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	13	2.29
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	15	2.29
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	15	2.29
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	15	2.29
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	15	2.29
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	15	2.29
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	15	2.29
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	20	2.29
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	20	2.29
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	5	2.29
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	5	2.29
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	5	2.29
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	5	2.29
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	5	2.29
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	5	2.29
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	5	2.29
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	5	2.29
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	7	2.29
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	7	2.29
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	7	2.29
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	7	2.29
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	7	2.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	7	2.29
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	15	2.29
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	15	2.29
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB2	11	2.29
(1,3104)	1:829:A:LEU:HD21	1:856:A:SER:HB3	11	2.29
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB2	11	2.29
(1,3104)	1:829:A:LEU:HD22	1:856:A:SER:HB3	11	2.29
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB2	11	2.29
(1,3104)	1:829:A:LEU:HD23	1:856:A:SER:HB3	11	2.29
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	2	2.29
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	2	2.29
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	2	2.29
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	2	2.29
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	1	2.29
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	1	2.29
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	1	2.29
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	4	2.29
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	4	2.29
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	4	2.29
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	4	2.29
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	4	2.29
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	4	2.29
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	7	2.29
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	7	2.29
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	7	2.29
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	17	2.29
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	17	2.29
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	17	2.29
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	9	2.29
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	9	2.29
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	9	2.29
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	16	2.29
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	16	2.29
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	16	2.29
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	12	2.29
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	12	2.29
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	12	2.29
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	18	2.29
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	18	2.29
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	18	2.29
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	2	2.29
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	2	2.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	2	2.29
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	14	2.29
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	14	2.29
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	14	2.29
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	17	2.29
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	17	2.29
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	17	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	2	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	2	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	2	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	2	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	2	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	2	2.29
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	2	2.29
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	2	2.29
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	2	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	7	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	7	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	7	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	7	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	7	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	7	2.29
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	7	2.29
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	7	2.29
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	7	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	19	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	19	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	19	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	19	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	19	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	19	2.29
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	19	2.29
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	19	2.29
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	19	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	20	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	20	2.29
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	20	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	20	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	20	2.29
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	20	2.29
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	20	2.29
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	20	2.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	20	2.29
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	7	2.29
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	7	2.29
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	7	2.29
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	7	2.29
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	7	2.29
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	7	2.29
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	7	2.29
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	7	2.29
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	7	2.29
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	8	2.29
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	8	2.29
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	8	2.29
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	8	2.29
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	13	2.29
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	13	2.29
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	5	2.29
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	5	2.29
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	6	2.29
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	6	2.29
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	6	2.29
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	6	2.29
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	3	2.29
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	4	2.29
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	4	2.29
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	17	2.29
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	17	2.29
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	17	2.29
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	17	2.29
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	5	2.29
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	5	2.29
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	5	2.29
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	14	2.29
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	14	2.29
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	14	2.29
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	14	2.29
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	14	2.29
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	14	2.29
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	14	2.29
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	12	2.29
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	12	2.29
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	12	2.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	12	2.29
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	12	2.29
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	12	2.29
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	13	2.29
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	13	2.29
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	19	2.29
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	19	2.29
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	19	2.29
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	19	2.29
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	19	2.29
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	19	2.29
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	7	2.29
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	7	2.29
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	7	2.29
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	7	2.29
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	7	2.29
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	7	2.29
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	2	2.29
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	2	2.29
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	2	2.29
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	2	2.29
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	2	2.29
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	2	2.29
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	6	2.29
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	6	2.29
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	9	2.29
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	9	2.29
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	9	2.29
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	9	2.29
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	9	2.29
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	9	2.29
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	11	2.29
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	11	2.29
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	11	2.29
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	11	2.29
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	11	2.29
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	11	2.29
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	11	2.29
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	11	2.29
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	11	2.29
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	11	2.29
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	11	2.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	11	2.29
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	15	2.29
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	15	2.29
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	15	2.29
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	15	2.29
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	15	2.29
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	15	2.29
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	20	2.29
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	12	2.29
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	12	2.29
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	8	2.29
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	9	2.29
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	4	2.29
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	4	2.29
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	18	2.29
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	18	2.29
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	12	2.29
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	12	2.29
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	12	2.29
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	17	2.29
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	17	2.29
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	17	2.29
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	18	2.29
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	3	2.29
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	3	2.29
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	3	2.29
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	3	2.29
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	3	2.29
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	3	2.29
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	3	2.29
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	3	2.29
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	3	2.29
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	16	2.29
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	16	2.29
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	16	2.29
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	17	2.29
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	17	2.29
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	17	2.29
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	3	2.29
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	3	2.29
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	3	2.29
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	16	2.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	16	2.29
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	16	2.29
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	18	2.29
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	18	2.29
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	18	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	10	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	10	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	10	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	11	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	11	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	11	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	12	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	12	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	12	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	16	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	16	2.29
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	16	2.29
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	9	2.29
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	9	2.29
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	9	2.29
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	9	2.29
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	9	2.29
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	9	2.29
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	9	2.29
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	9	2.29
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	9	2.29
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	18	2.29
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	18	2.29
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	18	2.29
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	13	2.29
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	13	2.29
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	13	2.29
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	17	2.29
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	17	2.29
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	17	2.29
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	17	2.29
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	18	2.29
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	18	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	4	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	4	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	4	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	7	2.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	7	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	7	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	9	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	9	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	9	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	14	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	14	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	14	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	17	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	17	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	17	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	19	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	19	2.29
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	19	2.29
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	17	2.29
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	17	2.29
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	17	2.29
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	17	2.29
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	14	2.29
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	14	2.29
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	14	2.29
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	14	2.29
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	14	2.29
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	14	2.29
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	14	2.29
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	14	2.29
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	14	2.29
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	9	2.29
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	9	2.29
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	9	2.29
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	12	2.29
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	12	2.29
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	12	2.29
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	8	2.29
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	8	2.29
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	8	2.29
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	16	2.29
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	16	2.29
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	16	2.29
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	20	2.29
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	20	2.29
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	20	2.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	14	2.29
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	14	2.29
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	14	2.29
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	3	2.29
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	3	2.29
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	3	2.29
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	3	2.29
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	3	2.29
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	3	2.29
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	19	2.29
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	19	2.29
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	19	2.29
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	19	2.29
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	19	2.29
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	19	2.29
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	6	2.29
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	6	2.29
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	6	2.29
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	6	2.29
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	6	2.29
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	6	2.29
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	6	2.29
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	6	2.29
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	6	2.29
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	15	2.29
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	15	2.29
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	15	2.29
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	15	2.29
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	15	2.29
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	15	2.29
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	4	2.29
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	4	2.29
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	4	2.29
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	7	2.29
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	7	2.29
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	7	2.29
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	16	2.29
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	16	2.29
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	16	2.29
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB1	2	2.29
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB2	2	2.29
(1,26)	1:800:A:ILE:HD13	1:824:A:ALA:HB3	2	2.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB1	2	2.29
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB2	2	2.29
(1,26)	1:800:A:ILE:HD11	1:824:A:ALA:HB3	2	2.29
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB1	2	2.29
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB2	2	2.29
(1,26)	1:800:A:ILE:HD12	1:824:A:ALA:HB3	2	2.29
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	17	2.29
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	17	2.29
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	17	2.29
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	17	2.29
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	17	2.29
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	17	2.29
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	17	2.29
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	17	2.29
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	17	2.29
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE2	3	2.28
(1,3382)	1:921:A:LYS:HB2	1:921:A:LYS:HE3	3	2.28
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	13	2.28
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	13	2.28
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	13	2.28
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	13	2.28
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	14	2.28
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	14	2.28
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	14	2.28
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	14	2.28
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	10	2.28
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	10	2.28
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	13	2.28
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	13	2.28
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	3	2.28
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	3	2.28
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	3	2.28
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	3	2.28
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	3	2.28
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	3	2.28
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	18	2.28
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	18	2.28
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	18	2.28
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	18	2.28
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	18	2.28
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	18	2.28
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	15	2.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	15	2.28
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	3	2.28
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	3	2.28
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	8	2.28
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	8	2.28
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	16	2.28
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	16	2.28
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	16	2.28
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	16	2.28
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	16	2.28
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	16	2.28
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	4	2.28
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	4	2.28
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	4	2.28
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	2	2.28
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	2	2.28
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	2	2.28
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	7	2.28
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	7	2.28
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	7	2.28
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	20	2.28
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	20	2.28
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	20	2.28
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	10	2.28
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	10	2.28
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	10	2.28
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	12	2.28
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	12	2.28
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	12	2.28
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	9	2.28
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	9	2.28
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	9	2.28
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	1	2.28
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	1	2.28
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	1	2.28
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	10	2.28
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	10	2.28
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	10	2.28
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	10	2.28
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	10	2.28
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	10	2.28
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	10	2.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	10	2.28
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	10	2.28
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	11	2.28
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	11	2.28
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	11	2.28
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	11	2.28
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	11	2.28
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	11	2.28
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	11	2.28
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	11	2.28
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	11	2.28
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	10	2.28
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	10	2.28
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	10	2.28
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	10	2.28
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	14	2.28
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	14	2.28
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	14	2.28
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	14	2.28
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	1	2.28
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	1	2.28
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	1	2.28
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	14	2.28
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	17	2.28
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	3	2.28
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	3	2.28
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	11	2.28
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	11	2.28
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	11	2.28
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	11	2.28
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	11	2.28
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	11	2.28
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	17	2.28
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	17	2.28
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	17	2.28
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	17	2.28
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	17	2.28
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	17	2.28
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	3	2.28
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	3	2.28
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	3	2.28
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	3	2.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	3	2.28
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	3	2.28
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	18	2.28
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	18	2.28
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	18	2.28
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	18	2.28
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	18	2.28
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	18	2.28
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	1	2.28
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	1	2.28
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	1	2.28
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	1	2.28
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	1	2.28
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	1	2.28
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	14	2.28
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	14	2.28
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	18	2.28
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	18	2.28
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	18	2.28
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	18	2.28
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	18	2.28
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	18	2.28
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	1	2.28
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	1	2.28
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	1	2.28
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	1	2.28
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	1	2.28
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	1	2.28
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	13	2.28
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	13	2.28
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	13	2.28
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	13	2.28
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	13	2.28
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	13	2.28
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	14	2.28
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	14	2.28
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	14	2.28
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	14	2.28
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	14	2.28
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	14	2.28
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	17	2.28
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	17	2.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	17	2.28
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	17	2.28
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	17	2.28
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	17	2.28
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	15	2.28
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	15	2.28
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	12	2.28
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	5	2.28
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	18	2.28
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	2	2.28
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	2	2.28
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	2	2.28
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	7	2.28
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	4	2.28
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	4	2.28
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	4	2.28
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	19	2.28
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	19	2.28
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	19	2.28
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	19	2.28
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	19	2.28
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	19	2.28
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	19	2.28
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	19	2.28
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	19	2.28
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	13	2.28
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	13	2.28
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	13	2.28
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	15	2.28
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	15	2.28
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	15	2.28
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	16	2.28
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	16	2.28
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	16	2.28
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	6	2.28
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	6	2.28
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	6	2.28
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	20	2.28
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	20	2.28
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	20	2.28
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	15	2.28
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	15	2.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	15	2.28
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	17	2.28
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	17	2.28
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	17	2.28
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD11	1	2.28
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD12	1	2.28
(1,824)	1:869:A:VAL:HG11	1:904:A:LEU:HD13	1	2.28
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD11	1	2.28
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD12	1	2.28
(1,824)	1:869:A:VAL:HG12	1:904:A:LEU:HD13	1	2.28
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD11	1	2.28
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD12	1	2.28
(1,824)	1:869:A:VAL:HG13	1:904:A:LEU:HD13	1	2.28
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	3	2.28
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	3	2.28
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	3	2.28
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	7	2.28
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	7	2.28
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	7	2.28
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	5	2.28
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	5	2.28
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	9	2.28
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	9	2.28
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	18	2.28
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	18	2.28
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	20	2.28
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	20	2.28
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	20	2.28
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	20	2.28
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	20	2.28
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	20	2.28
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	20	2.28
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	20	2.28
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	20	2.28
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	10	2.28
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	10	2.28
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	10	2.28
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	3	2.28
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	3	2.28
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	3	2.28
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	3	2.28
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	3	2.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	3	2.28
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	3	2.28
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	3	2.28
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	3	2.28
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	14	2.28
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	14	2.28
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	14	2.28
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	14	2.28
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	14	2.28
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	14	2.28
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	14	2.28
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	14	2.28
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	14	2.28
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	4	2.28
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	4	2.28
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	4	2.28
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	4	2.28
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	4	2.28
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	4	2.28
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	4	2.28
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	4	2.28
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	4	2.28
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	3	2.28
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	3	2.28
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	3	2.28
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	3	2.28
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	3	2.28
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	3	2.28
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	3	2.28
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	3	2.28
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	3	2.28
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	7	2.28
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	7	2.28
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	7	2.28
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	10	2.28
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	10	2.28
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	10	2.28
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	10	2.28
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	10	2.28
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	11	2.28
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	11	2.28
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	11	2.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	10	2.28
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	10	2.28
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	10	2.28
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	3	2.28
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	3	2.28
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	3	2.28
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	3	2.28
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	3	2.28
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	3	2.28
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	3	2.28
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	3	2.28
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	3	2.28
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	9	2.28
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	9	2.28
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	9	2.28
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	9	2.28
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	9	2.28
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	9	2.28
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	13	2.28
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	13	2.28
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	13	2.28
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	13	2.28
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	13	2.28
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	13	2.28
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	1	2.28
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	7	2.28
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	7	2.28
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	7	2.28
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	7	2.28
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	7	2.28
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	7	2.28
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	20	2.28
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	6	2.28
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	4	2.28
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	4	2.28
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	4	2.28
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	15	2.28
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	15	2.28
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	15	2.28
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	15	2.28
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	15	2.28
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	15	2.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	15	2.28
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	15	2.28
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	15	2.28
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	5	2.27
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	5	2.27
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	20	2.27
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	20	2.27
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	3	2.27
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	3	2.27
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	1	2.27
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	1	2.27
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	7	2.27
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	7	2.27
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	19	2.27
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	19	2.27
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	19	2.27
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	19	2.27
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	19	2.27
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	19	2.27
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD11	8	2.27
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD12	8	2.27
(1,3268)	1:870:A:TYR:HB3	1:917:A:ILE:HD13	8	2.27
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD11	8	2.27
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD12	8	2.27
(1,3268)	1:870:A:TYR:HB2	1:917:A:ILE:HD13	8	2.27
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	6	2.27
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	6	2.27
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	10	2.27
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	10	2.27
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	4	2.27
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	4	2.27
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	11	2.27
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	11	2.27
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	11	2.27
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	11	2.27
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	11	2.27
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	11	2.27
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	9	2.27
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	9	2.27
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	9	2.27
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	9	2.27
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	9	2.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	9	2.27
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	12	2.27
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	12	2.27
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	9	2.27
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	9	2.27
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	9	2.27
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	9	2.27
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	20	2.27
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	20	2.27
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	20	2.27
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	20	2.27
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	1	2.27
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	1	2.27
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	1	2.27
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	1	2.27
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	8	2.27
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	8	2.27
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	8	2.27
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	8	2.27
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	7	2.27
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	7	2.27
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	10	2.27
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	10	2.27
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	9	2.27
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	9	2.27
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	9	2.27
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	20	2.27
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	20	2.27
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	20	2.27
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	6	2.27
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	6	2.27
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	6	2.27
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	15	2.27
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	6	2.27
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	6	2.27
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	6	2.27
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	6	2.27
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	12	2.27
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	12	2.27
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	12	2.27
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	17	2.27
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	17	2.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	17	2.27
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	15	2.27
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	15	2.27
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	15	2.27
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD23	9	2.27
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD21	9	2.27
(1,2840)	1:829:A:LEU:HD11	1:853:A:LEU:HD22	9	2.27
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD23	9	2.27
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD21	9	2.27
(1,2840)	1:829:A:LEU:HD12	1:853:A:LEU:HD22	9	2.27
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD23	9	2.27
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD21	9	2.27
(1,2840)	1:829:A:LEU:HD13	1:853:A:LEU:HD22	9	2.27
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	4	2.27
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	4	2.27
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	4	2.27
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	20	2.27
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	20	2.27
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	20	2.27
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	5	2.27
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	5	2.27
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	5	2.27
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	5	2.27
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	5	2.27
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	5	2.27
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	1	2.27
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	1	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	1	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	1	2.27
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	4	2.27
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	4	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	4	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	4	2.27
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	6	2.27
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	6	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	6	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	6	2.27
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	9	2.27
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	9	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	9	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	9	2.27
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	11	2.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	11	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	11	2.27
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	11	2.27
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	20	2.27
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	20	2.27
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	16	2.27
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	16	2.27
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	19	2.27
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	19	2.27
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	7	2.27
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	7	2.27
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	16	2.27
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	16	2.27
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	8	2.27
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	8	2.27
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	16	2.27
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	16	2.27
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	5	2.27
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	5	2.27
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	15	2.27
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	15	2.27
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	12	2.27
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	1	2.27
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	1	2.27
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	14	2.27
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	14	2.27
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	3	2.27
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	3	2.27
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	3	2.27
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	3	2.27
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	3	2.27
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	3	2.27
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	14	2.27
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	14	2.27
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	14	2.27
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	14	2.27
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	14	2.27
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	14	2.27
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	17	2.27
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	17	2.27
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	17	2.27
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	1	2.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	1	2.27
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	1	2.27
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	1	2.27
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	1	2.27
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	1	2.27
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	16	2.27
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	16	2.27
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	16	2.27
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	16	2.27
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	16	2.27
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	16	2.27
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	7	2.27
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	7	2.27
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	7	2.27
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	7	2.27
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	7	2.27
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	7	2.27
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	1	2.27
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	1	2.27
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	1	2.27
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	1	2.27
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	1	2.27
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	1	2.27
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	4	2.27
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	4	2.27
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	4	2.27
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	4	2.27
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	4	2.27
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	4	2.27
(1,2235)	1:920:A:LEU:HD11	1:924:A:TYR:HH	13	2.27
(1,2235)	1:920:A:LEU:HD12	1:924:A:TYR:HH	13	2.27
(1,2235)	1:920:A:LEU:HD13	1:924:A:TYR:HH	13	2.27
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	12	2.27
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	16	2.27
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	2	2.27
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	14	2.27
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	4	2.27
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	14	2.27
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	14	2.27
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	14	2.27
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	14	2.27
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	14	2.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	15	2.27
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	15	2.27
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	12	2.27
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	12	2.27
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	6	2.27
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	10	2.27
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	19	2.27
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	7	2.27
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	7	2.27
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	7	2.27
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	17	2.27
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	17	2.27
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	17	2.27
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	3	2.27
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	3	2.27
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	3	2.27
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	16	2.27
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	16	2.27
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	16	2.27
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	17	2.27
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	17	2.27
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	17	2.27
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	5	2.27
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	8	2.27
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	8	2.27
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	8	2.27
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	10	2.27
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	10	2.27
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	10	2.27
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	10	2.27
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	10	2.27
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	10	2.27
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	10	2.27
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	10	2.27
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	10	2.27
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	19	2.27
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	19	2.27
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	19	2.27
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	9	2.27
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	9	2.27
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	9	2.27
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	13	2.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	13	2.27
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	13	2.27
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	14	2.27
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	14	2.27
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	14	2.27
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	18	2.27
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	18	2.27
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	18	2.27
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	7	2.27
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	7	2.27
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	7	2.27
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	3	2.27
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	3	2.27
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	3	2.27
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	3	2.27
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	3	2.27
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	3	2.27
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	3	2.27
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	3	2.27
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	3	2.27
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	4	2.27
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	4	2.27
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	4	2.27
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	16	2.27
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	16	2.27
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	16	2.27
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	6	2.27
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	6	2.27
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	6	2.27
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	6	2.27
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	6	2.27
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	6	2.27
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	5	2.27
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	5	2.27
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	5	2.27
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	5	2.27
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	7	2.27
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	7	2.27
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	18	2.27
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	18	2.27
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	18	2.27
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	7	2.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	7	2.27
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	7	2.27
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	7	2.27
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	2	2.27
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	2	2.27
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	2	2.27
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	2	2.27
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	2	2.27
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	2	2.27
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	2	2.27
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	2	2.27
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	2	2.27
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	7	2.27
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	7	2.27
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	6	2.27
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	6	2.27
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	6	2.27
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	15	2.27
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	15	2.27
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	15	2.27
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	10	2.27
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	10	2.27
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	10	2.27
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	10	2.27
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	10	2.27
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	10	2.27
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	16	2.27
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	16	2.27
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	16	2.27
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	16	2.27
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	16	2.27
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	16	2.27
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	7	2.27
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	7	2.27
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	7	2.27
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	2	2.27
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	2	2.27
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	2	2.27
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	2	2.27
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	2	2.27
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	2	2.27
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	9	2.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	9	2.27
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	9	2.27
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	9	2.27
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	9	2.27
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	9	2.27
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	7	2.27
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	7	2.27
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	7	2.27
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	7	2.27
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	19	2.27
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	5	2.27
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	5	2.27
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	5	2.27
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	13	2.26
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	13	2.26
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	17	2.26
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	17	2.26
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	16	2.26
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	16	2.26
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	2	2.26
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	2	2.26
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	10	2.26
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	10	2.26
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	18	2.26
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	18	2.26
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB2	1	2.26
(1,3261)	1:869:A:VAL:HA	1:872:A:HIS:HB3	1	2.26
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	6	2.26
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	6	2.26
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	6	2.26
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	6	2.26
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	6	2.26
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	6	2.26
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	3	2.26
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	3	2.26
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	3	2.26
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	3	2.26
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	3	2.26
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	3	2.26
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	12	2.26
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	12	2.26
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	7	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	7	2.26
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	7	2.26
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	7	2.26
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	14	2.26
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	14	2.26
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	14	2.26
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	14	2.26
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	1	2.26
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	1	2.26
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	1	2.26
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	11	2.26
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	11	2.26
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	11	2.26
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	4	2.26
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	4	2.26
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	4	2.26
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	4	2.26
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	4	2.26
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	4	2.26
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	4	2.26
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	6	2.26
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	6	2.26
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	6	2.26
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	3	2.26
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	3	2.26
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	3	2.26
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	9	2.26
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	9	2.26
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	9	2.26
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	19	2.26
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	19	2.26
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	19	2.26
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	8	2.26
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	8	2.26
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	8	2.26
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	2	2.26
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	2	2.26
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	2	2.26
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	5	2.26
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	5	2.26
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	5	2.26
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	14	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	14	2.26
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	14	2.26
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	20	2.26
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	20	2.26
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	20	2.26
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	5	2.26
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	5	2.26
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	5	2.26
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	16	2.26
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	16	2.26
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	16	2.26
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	2	2.26
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	2	2.26
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	2	2.26
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	2	2.26
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	2	2.26
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	2	2.26
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	2	2.26
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	2	2.26
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	2	2.26
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	19	2.26
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	19	2.26
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	19	2.26
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	19	2.26
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	19	2.26
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	19	2.26
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	19	2.26
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	19	2.26
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	19	2.26
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	12	2.26
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	12	2.26
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	12	2.26
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	12	2.26
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	12	2.26
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	12	2.26
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	18	2.26
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	12	2.26
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	12	2.26
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	20	2.26
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	20	2.26
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	14	2.26
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	6	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	6	2.26
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	6	2.26
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	6	2.26
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	6	2.26
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	6	2.26
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	13	2.26
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	13	2.26
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	2	2.26
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	2	2.26
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	16	2.26
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	16	2.26
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	10	2.26
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	10	2.26
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	11	2.26
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	11	2.26
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	9	2.26
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	9	2.26
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	9	2.26
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	9	2.26
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	9	2.26
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	9	2.26
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	17	2.26
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	17	2.26
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	17	2.26
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	17	2.26
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	17	2.26
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	17	2.26
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	8	2.26
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	8	2.26
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	8	2.26
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	8	2.26
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	8	2.26
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	8	2.26
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	9	2.26
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	9	2.26
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	9	2.26
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	9	2.26
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	9	2.26
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	9	2.26
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	12	2.26
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	12	2.26
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	12	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	12	2.26
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	12	2.26
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	12	2.26
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	10	2.26
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	10	2.26
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	10	2.26
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	11	2.26
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	11	2.26
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	11	2.26
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	11	2.26
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	11	2.26
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	11	2.26
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	2	2.26
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	2	2.26
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	2	2.26
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	2	2.26
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	2	2.26
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	2	2.26
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	16	2.26
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	16	2.26
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	16	2.26
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	16	2.26
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	16	2.26
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	16	2.26
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	10	2.26
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	10	2.26
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	10	2.26
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	10	2.26
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	10	2.26
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	10	2.26
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	12	2.26
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	12	2.26
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	12	2.26
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	12	2.26
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	12	2.26
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	12	2.26
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	2	2.26
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	2	2.26
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	2	2.26
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	2	2.26
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	2	2.26
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	2	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	7	2.26
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	7	2.26
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	4	2.26
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	10	2.26
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	1	2.26
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	2	2.26
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	16	2.26
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	16	2.26
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	16	2.26
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	14	2.26
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	14	2.26
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	14	2.26
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	14	2.26
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	14	2.26
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	19	2.26
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	19	2.26
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	19	2.26
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	2	2.26
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	13	2.26
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	13	2.26
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	13	2.26
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	13	2.26
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	13	2.26
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	13	2.26
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	13	2.26
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	13	2.26
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	13	2.26
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	15	2.26
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	15	2.26
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	15	2.26
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	15	2.26
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	15	2.26
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	15	2.26
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	15	2.26
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	15	2.26
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	15	2.26
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	12	2.26
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	12	2.26
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	12	2.26
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	5	2.26
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	5	2.26
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	5	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	12	2.26
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	12	2.26
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	12	2.26
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	3	2.26
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	3	2.26
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	3	2.26
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	2	2.26
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	2	2.26
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	2	2.26
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	2	2.26
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	2	2.26
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	2	2.26
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	2	2.26
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	2	2.26
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	2	2.26
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	5	2.26
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	5	2.26
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	5	2.26
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	5	2.26
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	5	2.26
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	5	2.26
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	5	2.26
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	5	2.26
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	5	2.26
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	10	2.26
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	10	2.26
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	10	2.26
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	10	2.26
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	10	2.26
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	10	2.26
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	10	2.26
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	10	2.26
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	10	2.26
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	2	2.26
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	2	2.26
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	2	2.26
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	15	2.26
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	15	2.26
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	15	2.26
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	19	2.26
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	19	2.26
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	19	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	14	2.26
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	14	2.26
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG21	4	2.26
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG22	4	2.26
(1,722)	1:866:A:PRO:HG3	1:907:A:THR:HG23	4	2.26
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG21	4	2.26
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG22	4	2.26
(1,722)	1:866:A:PRO:HG2	1:907:A:THR:HG23	4	2.26
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	7	2.26
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	7	2.26
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	7	2.26
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	7	2.26
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	7	2.26
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	7	2.26
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	19	2.26
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	19	2.26
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	19	2.26
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	19	2.26
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	19	2.26
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	19	2.26
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	1	2.26
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	1	2.26
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	5	2.26
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	5	2.26
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	5	2.26
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	5	2.26
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	5	2.26
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	5	2.26
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	5	2.26
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	5	2.26
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	5	2.26
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD21	15	2.26
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD22	15	2.26
(1,572)	1:886:A:LEU:HB3	1:886:A:LEU:HD23	15	2.26
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	20	2.26
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	20	2.26
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	20	2.26
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	11	2.26
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	11	2.26
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	11	2.26
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	11	2.26
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	11	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	11	2.26
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	11	2.26
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	11	2.26
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	11	2.26
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	17	2.26
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	17	2.26
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	17	2.26
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	1	2.26
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	1	2.26
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	1	2.26
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	17	2.26
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	17	2.26
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	17	2.26
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	8	2.26
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	8	2.26
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	8	2.26
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	12	2.26
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	12	2.26
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	12	2.26
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	9	2.26
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	9	2.26
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	9	2.26
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	9	2.26
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	9	2.26
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	9	2.26
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	11	2.26
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	11	2.26
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	11	2.26
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	17	2.26
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	17	2.26
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	17	2.26
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	17	2.26
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	17	2.26
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	17	2.26
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	17	2.26
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	17	2.26
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	17	2.26
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	9	2.26
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	9	2.26
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	9	2.26
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	9	2.26
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	9	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	9	2.26
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	9	2.26
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	9	2.26
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	9	2.26
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	16	2.26
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	16	2.26
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	16	2.26
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	16	2.26
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	16	2.26
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	16	2.26
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	17	2.26
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	17	2.26
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	17	2.26
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	17	2.26
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	17	2.26
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	17	2.26
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	6	2.26
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	6	2.26
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	6	2.26
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	10	2.26
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	13	2.26
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	13	2.26
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	13	2.26
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	13	2.26
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	13	2.26
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	13	2.26
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	13	2.26
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	13	2.26
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	13	2.26
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	6	2.26
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	6	2.26
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	6	2.26
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	14	2.26
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	14	2.26
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	14	2.26
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	10	2.25
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	10	2.25
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	10	2.25
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	10	2.25
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	3	2.25
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	3	2.25
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	3	2.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	3	2.25
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	11	2.25
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	11	2.25
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	6	2.25
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	6	2.25
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	6	2.25
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	6	2.25
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	6	2.25
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	6	2.25
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	7	2.25
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	7	2.25
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	7	2.25
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	7	2.25
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	17	2.25
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	17	2.25
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	11	2.25
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	11	2.25
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	11	2.25
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	11	2.25
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	19	2.25
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	19	2.25
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	19	2.25
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	19	2.25
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	20	2.25
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	20	2.25
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	20	2.25
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	20	2.25
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	16	2.25
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	16	2.25
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	16	2.25
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	16	2.25
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE1	6	2.25
(1,3043)	1:803:A:PRO:HG2	1:840:A:PHE:HE2	6	2.25
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE1	6	2.25
(1,3043)	1:803:A:PRO:HG3	1:840:A:PHE:HE2	6	2.25
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	13	2.25
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	13	2.25
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	6	2.25
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	6	2.25
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	5	2.25
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	5	2.25
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	5	2.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	8	2.25
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	8	2.25
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	8	2.25
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	18	2.25
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	18	2.25
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	18	2.25
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	13	2.25
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	13	2.25
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	13	2.25
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	18	2.25
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	18	2.25
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	18	2.25
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	4	2.25
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	4	2.25
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	4	2.25
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	4	2.25
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	4	2.25
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	4	2.25
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	17	2.25
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	17	2.25
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	17	2.25
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	17	2.25
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	17	2.25
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	17	2.25
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	2	2.25
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	2	2.25
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	2	2.25
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	15	2.25
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	15	2.25
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	15	2.25
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	3	2.25
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	3	2.25
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	3	2.25
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	10	2.25
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	10	2.25
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	10	2.25
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	3	2.25
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	3	2.25
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	3	2.25
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	5	2.25
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	5	2.25
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	5	2.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	5	2.25
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	5	2.25
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	5	2.25
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	5	2.25
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	5	2.25
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	5	2.25
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	14	2.25
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	14	2.25
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	14	2.25
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	14	2.25
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	14	2.25
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	14	2.25
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	7	2.25
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	7	2.25
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	7	2.25
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	5	2.25
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	5	2.25
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	5	2.25
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	5	2.25
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	15	2.25
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	15	2.25
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	15	2.25
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	20	2.25
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	20	2.25
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	20	2.25
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	19	2.25
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	19	2.25
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	16	2.25
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	16	2.25
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	7	2.25
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	17	2.25
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	15	2.25
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	15	2.25
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	15	2.25
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	8	2.25
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	8	2.25
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	14	2.25
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	14	2.25
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	19	2.25
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	19	2.25
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	6	2.25
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	6	2.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	6	2.25
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	6	2.25
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	6	2.25
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	6	2.25
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	10	2.25
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	10	2.25
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	10	2.25
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	19	2.25
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	19	2.25
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	19	2.25
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	19	2.25
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	19	2.25
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	19	2.25
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	9	2.25
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	9	2.25
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	9	2.25
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	7	2.25
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	7	2.25
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	7	2.25
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	7	2.25
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	7	2.25
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	7	2.25
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	6	2.25
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	6	2.25
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	6	2.25
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	6	2.25
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	6	2.25
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	6	2.25
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	12	2.25
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	12	2.25
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	12	2.25
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	12	2.25
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	12	2.25
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	12	2.25
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	20	2.25
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	20	2.25
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	20	2.25
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	20	2.25
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	20	2.25
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	20	2.25
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	1	2.25
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	1	2.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	1	2.25
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	1	2.25
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	1	2.25
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	1	2.25
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	17	2.25
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	17	2.25
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	17	2.25
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	17	2.25
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	17	2.25
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	17	2.25
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	8	2.25
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	8	2.25
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	8	2.25
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	8	2.25
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	8	2.25
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	8	2.25
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	10	2.25
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	10	2.25
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	6	2.25
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	15	2.25
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	17	2.25
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	2	2.25
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	15	2.25
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	15	2.25
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	15	2.25
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	9	2.25
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	9	2.25
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	12	2.25
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	12	2.25
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	1	2.25
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	1	2.25
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	1	2.25
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	9	2.25
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	9	2.25
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	9	2.25
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	18	2.25
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	18	2.25
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	18	2.25
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	4	2.25
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	4	2.25
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	4	2.25
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	12	2.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	12	2.25
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	12	2.25
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	12	2.25
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	12	2.25
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	12	2.25
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	12	2.25
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	12	2.25
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	12	2.25
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	15	2.25
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	15	2.25
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	15	2.25
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	20	2.25
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	20	2.25
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	20	2.25
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	9	2.25
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	9	2.25
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	9	2.25
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	8	2.25
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	8	2.25
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	8	2.25
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	13	2.25
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	13	2.25
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	13	2.25
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	19	2.25
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	19	2.25
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	19	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	9	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	9	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	9	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	13	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	13	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	13	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	14	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	14	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	14	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	20	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	20	2.25
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	20	2.25
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	13	2.25
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	13	2.25
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	13	2.25
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	8	2.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	8	2.25
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD21	3	2.25
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD22	3	2.25
(1,709)	1:903:A:ASP:HB3	1:904:A:LEU:HD23	3	2.25
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	8	2.25
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	8	2.25
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	8	2.25
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	8	2.25
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	8	2.25
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	8	2.25
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	8	2.25
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	10	2.25
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	10	2.25
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	10	2.25
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	10	2.25
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	10	2.25
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	10	2.25
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	10	2.25
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	10	2.25
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	10	2.25
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	13	2.25
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	13	2.25
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	13	2.25
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	13	2.25
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	13	2.25
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	13	2.25
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	13	2.25
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	13	2.25
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	13	2.25
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	16	2.25
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	16	2.25
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	16	2.25
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	16	2.25
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	16	2.25
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	16	2.25
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	16	2.25
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	16	2.25
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	16	2.25
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	15	2.25
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	15	2.25
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	15	2.25
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	15	2.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	15	2.25
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	15	2.25
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	15	2.25
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	15	2.25
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	15	2.25
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	16	2.25
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	16	2.25
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	16	2.25
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	16	2.25
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	16	2.25
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	16	2.25
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	16	2.25
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	16	2.25
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	16	2.25
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	7	2.25
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	7	2.25
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	7	2.25
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	14	2.25
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	14	2.25
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	14	2.25
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	20	2.25
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	20	2.25
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	20	2.25
(1,391)	1:862:A:ILE:HG21	1:866:A:PRO:HB3	19	2.25
(1,391)	1:862:A:ILE:HG22	1:866:A:PRO:HB3	19	2.25
(1,391)	1:862:A:ILE:HG23	1:866:A:PRO:HB3	19	2.25
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	8	2.25
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	8	2.25
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	8	2.25
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	15	2.25
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	15	2.25
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	15	2.25
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	2	2.25
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	2	2.25
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	2	2.25
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	17	2.25
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	17	2.25
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	17	2.25
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	8	2.25
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	8	2.25
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	8	2.25
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	8	2.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	8	2.25
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	8	2.25
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	8	2.25
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	8	2.25
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	8	2.25
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	4	2.25
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	4	2.25
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	13	2.25
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	13	2.25
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	13	2.25
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	13	2.25
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	13	2.25
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	13	2.25
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	5	2.25
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	5	2.25
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	5	2.25
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	5	2.25
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	5	2.25
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	5	2.25
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	18	2.25
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	18	2.25
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	16	2.25
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	16	2.25
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	1	2.25
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	1	2.25
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	1	2.25
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	19	2.25
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	19	2.25
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	19	2.25
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	6	2.24
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	6	2.24
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	6	2.24
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	6	2.24
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	8	2.24
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	8	2.24
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	8	2.24
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	8	2.24
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	8	2.24
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	8	2.24
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	19	2.24
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	19	2.24
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	19	2.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	19	2.24
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	19	2.24
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	19	2.24
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	6	2.24
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	6	2.24
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	18	2.24
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	18	2.24
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	16	2.24
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	16	2.24
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	15	2.24
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	15	2.24
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	15	2.24
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	15	2.24
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	10	2.24
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	10	2.24
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	10	2.24
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	10	2.24
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	10	2.24
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	10	2.24
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB2	13	2.24
(1,3272)	1:873:A:LEU:HD22	1:876:A:LEU:HB3	13	2.24
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB2	13	2.24
(1,3272)	1:873:A:LEU:HD23	1:876:A:LEU:HB3	13	2.24
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB2	13	2.24
(1,3272)	1:873:A:LEU:HD21	1:876:A:LEU:HB3	13	2.24
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	11	2.24
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	11	2.24
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	11	2.24
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	11	2.24
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	12	2.24
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	12	2.24
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	12	2.24
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	12	2.24
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	1	2.24
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	1	2.24
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	1	2.24
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	1	2.24
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	1	2.24
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	1	2.24
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	2	2.24
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	2	2.24
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	2	2.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	2	2.24
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	2	2.24
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	2	2.24
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	15	2.24
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	15	2.24
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	15	2.24
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	15	2.24
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	15	2.24
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	15	2.24
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	1	2.24
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	1	2.24
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	1	2.24
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	1	2.24
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	9	2.24
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	9	2.24
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	9	2.24
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	9	2.24
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	9	2.24
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	9	2.24
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	13	2.24
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	13	2.24
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	13	2.24
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	2	2.24
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	2	2.24
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	2	2.24
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	10	2.24
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	10	2.24
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	10	2.24
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	18	2.24
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	18	2.24
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	18	2.24
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	2	2.24
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	2	2.24
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	2	2.24
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	3	2.24
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	3	2.24
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	3	2.24
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	5	2.24
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	5	2.24
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	5	2.24
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	14	2.24
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	14	2.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	14	2.24
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	20	2.24
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	20	2.24
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	20	2.24
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	9	2.24
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	9	2.24
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	9	2.24
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	18	2.24
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	18	2.24
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	18	2.24
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	20	2.24
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	20	2.24
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	20	2.24
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	7	2.24
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	7	2.24
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	7	2.24
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	9	2.24
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	9	2.24
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	9	2.24
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	7	2.24
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	7	2.24
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	7	2.24
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	20	2.24
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	20	2.24
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	20	2.24
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	11	2.24
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	11	2.24
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	11	2.24
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	11	2.24
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	11	2.24
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	11	2.24
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	11	2.24
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	11	2.24
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	11	2.24
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	19	2.24
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	19	2.24
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	19	2.24
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	1	2.24
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	5	2.24
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	19	2.24
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE1	13	2.24
(1,2674)	1:901:A:PHE:HE2	1:924:A:TYR:HE2	13	2.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE1	13	2.24
(1,2674)	1:901:A:PHE:HE1	1:924:A:TYR:HE2	13	2.24
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	14	2.24
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	14	2.24
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	14	2.24
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	14	2.24
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	14	2.24
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	14	2.24
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	16	2.24
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	16	2.24
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	16	2.24
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	16	2.24
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	16	2.24
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	16	2.24
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	10	2.24
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	10	2.24
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	17	2.24
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	17	2.24
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE1	20	2.24
(1,2464)	1:877:A:SER:HB3	1:924:A:TYR:HE2	20	2.24
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	1	2.24
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	2	2.24
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	2	2.24
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	2	2.24
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	2	2.24
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	2	2.24
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	2	2.24
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	7	2.24
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	7	2.24
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	10	2.24
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	10	2.24
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	11	2.24
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	11	2.24
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	11	2.24
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	11	2.24
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	11	2.24
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	11	2.24
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	3	2.24
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	3	2.24
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	3	2.24
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	3	2.24
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	3	2.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	3	2.24
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	10	2.24
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	10	2.24
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	10	2.24
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	10	2.24
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	10	2.24
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	10	2.24
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	17	2.24
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	17	2.24
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	17	2.24
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	17	2.24
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	17	2.24
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	17	2.24
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD12	16	2.24
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD13	16	2.24
(1,2343)	1:850:A:PHE:HE1	1:889:A:ILE:HD11	16	2.24
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD12	16	2.24
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD13	16	2.24
(1,2343)	1:850:A:PHE:HE2	1:889:A:ILE:HD11	16	2.24
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	5	2.24
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	5	2.24
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	5	2.24
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	5	2.24
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	5	2.24
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	5	2.24
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	4	2.24
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	4	2.24
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	4	2.24
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	4	2.24
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	4	2.24
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	4	2.24
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	11	2.24
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	11	2.24
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	10	2.24
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	1	2.24
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	1	2.24
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	2	2.24
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	2	2.24
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	6	2.24
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	6	2.24
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	3	2.24
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	15	2.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	20	2.24
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	18	2.24
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	18	2.24
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	18	2.24
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	17	2.24
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	17	2.24
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	13	2.24
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	13	2.24
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	13	2.24
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	6	2.24
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	6	2.24
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	2	2.24
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	2	2.24
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	2	2.24
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	1	2.24
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	1	2.24
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	1	2.24
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	2	2.24
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	2	2.24
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	2	2.24
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	17	2.24
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	17	2.24
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	17	2.24
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	20	2.24
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	20	2.24
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	20	2.24
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD21	8	2.24
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD22	8	2.24
(1,844)	1:862:A:ILE:HD11	1:904:A:LEU:HD23	8	2.24
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD21	8	2.24
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD22	8	2.24
(1,844)	1:862:A:ILE:HD12	1:904:A:LEU:HD23	8	2.24
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD21	8	2.24
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD22	8	2.24
(1,844)	1:862:A:ILE:HD13	1:904:A:LEU:HD23	8	2.24
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	11	2.24
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	11	2.24
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	11	2.24
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	13	2.24
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	16	2.24
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	16	2.24
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	16	2.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	11	2.24
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	11	2.24
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	7	2.24
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	7	2.24
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	8	2.24
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	8	2.24
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	11	2.24
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	11	2.24
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	11	2.24
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	11	2.24
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	11	2.24
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	11	2.24
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	3	2.24
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	3	2.24
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	3	2.24
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	3	2.24
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	3	2.24
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	3	2.24
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	3	2.24
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	3	2.24
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	3	2.24
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	1	2.24
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	1	2.24
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	1	2.24
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	1	2.24
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	7	2.24
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	7	2.24
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	7	2.24
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	7	2.24
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	7	2.24
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	7	2.24
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	10	2.24
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	10	2.24
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	10	2.24
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	10	2.24
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	10	2.24
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	10	2.24
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	2	2.24
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	2	2.24
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	2	2.24
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	2	2.24
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	19	2.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	19	2.24
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	19	2.24
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	19	2.24
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	19	2.24
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	19	2.24
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	6	2.24
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	6	2.24
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	6	2.24
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	6	2.24
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	6	2.24
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	6	2.24
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	6	2.24
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	6	2.24
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	6	2.24
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	4	2.24
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	4	2.24
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	4	2.24
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	11	2.24
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	11	2.24
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	11	2.24
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	2	2.24
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	2	2.24
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	2	2.24
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	2	2.24
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	2	2.24
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	2	2.24
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	7	2.24
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	7	2.24
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	7	2.24
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	7	2.24
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	7	2.24
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	7	2.24
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	10	2.24
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	10	2.24
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	10	2.24
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	10	2.24
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	10	2.24
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	10	2.24
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	14	2.24
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	14	2.24
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	14	2.24
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	14	2.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	14	2.24
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	14	2.24
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	18	2.24
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	18	2.24
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	18	2.24
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	12	2.24
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	12	2.24
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	12	2.24
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	1	2.24
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	1	2.24
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	1	2.24
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	20	2.24
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	20	2.24
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	20	2.24
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	20	2.24
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	1	2.24
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	1	2.24
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	1	2.24
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	1	2.24
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	1	2.24
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	1	2.24
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	1	2.24
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	1	2.24
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	1	2.24
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	6	2.24
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	6	2.24
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	6	2.24
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	6	2.24
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	6	2.24
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	6	2.24
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	8	2.24
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	8	2.24
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	8	2.24
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	8	2.24
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	8	2.24
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	8	2.24
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	2	2.24
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	2	2.24
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	2	2.24
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	2	2.24
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	2	2.24
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	2	2.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	2	2.24
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	2	2.24
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	2	2.24
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	9	2.24
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	3	2.23
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	3	2.23
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	3	2.23
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	3	2.23
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	13	2.23
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	13	2.23
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	13	2.23
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	13	2.23
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	19	2.23
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	19	2.23
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	19	2.23
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	19	2.23
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	2	2.23
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	2	2.23
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	2	2.23
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	2	2.23
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	10	2.23
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	10	2.23
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	10	2.23
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	10	2.23
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	10	2.23
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	10	2.23
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	16	2.23
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	16	2.23
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	5	2.23
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	5	2.23
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	5	2.23
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	5	2.23
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	5	2.23
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	5	2.23
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	12	2.23
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	12	2.23
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	14	2.23
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	14	2.23
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD21	1	2.23
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD22	1	2.23
(1,3254)	1:865:A:ASP:HB3	1:868:A:LEU:HD23	1	2.23
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD21	1	2.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD22	1	2.23
(1,3254)	1:865:A:ASP:HB2	1:868:A:LEU:HD23	1	2.23
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	8	2.23
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	8	2.23
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	8	2.23
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	8	2.23
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	8	2.23
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	8	2.23
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	11	2.23
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	11	2.23
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	1	2.23
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	1	2.23
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	1	2.23
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	1	2.23
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	1	2.23
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	1	2.23
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	2	2.23
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	2	2.23
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	2	2.23
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	2	2.23
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	2	2.23
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	2	2.23
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	6	2.23
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	6	2.23
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	19	2.23
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	19	2.23
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	7	2.23
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	7	2.23
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	16	2.23
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	16	2.23
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	16	2.23
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	16	2.23
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	17	2.23
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	17	2.23
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	17	2.23
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	18	2.23
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	18	2.23
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	18	2.23
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	19	2.23
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	19	2.23
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	19	2.23
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	12	2.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	12	2.23
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	12	2.23
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	10	2.23
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	10	2.23
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	10	2.23
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	10	2.23
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	10	2.23
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	10	2.23
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	12	2.23
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	12	2.23
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	12	2.23
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	4	2.23
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	4	2.23
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	4	2.23
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	19	2.23
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	19	2.23
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	19	2.23
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	7	2.23
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	7	2.23
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	7	2.23
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	13	2.23
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	13	2.23
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	13	2.23
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	17	2.23
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	17	2.23
(1,2808)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	17	2.23
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	18	2.23
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	18	2.23
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	18	2.23
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	18	2.23
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	18	2.23
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	18	2.23
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	18	2.23
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	18	2.23
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	18	2.23
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	9	2.23
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	9	2.23
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	9	2.23
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	20	2.23
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	19	2.23
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	6	2.23
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	6	2.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	5	2.23
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	5	2.23
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	5	2.23
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	5	2.23
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	5	2.23
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	5	2.23
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	6	2.23
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	6	2.23
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	6	2.23
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	17	2.23
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	17	2.23
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	20	2.23
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	20	2.23
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	20	2.23
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	20	2.23
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	20	2.23
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	20	2.23
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	20	2.23
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	20	2.23
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	3	2.23
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	17	2.23
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	17	2.23
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	12	2.23
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	12	2.23
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	8	2.23
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	8	2.23
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	13	2.23
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	13	2.23
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	10	2.23
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	10	2.23
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	15	2.23
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	15	2.23
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	19	2.23
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	19	2.23
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	19	2.23
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	19	2.23
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	19	2.23
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	19	2.23
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	3	2.23
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	3	2.23
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	17	2.23
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	17	2.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	17	2.23
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	17	2.23
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	17	2.23
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	17	2.23
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	6	2.23
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	6	2.23
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	6	2.23
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	6	2.23
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	6	2.23
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	6	2.23
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	14	2.23
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	14	2.23
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	14	2.23
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	14	2.23
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	14	2.23
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	14	2.23
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	1	2.23
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	6	2.23
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	11	2.23
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	17	2.23
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	19	2.23
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	19	2.23
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	6	2.23
(1,1821)	1:888:A:LEU:HD11	1:889:A:ILE:H	3	2.23
(1,1821)	1:888:A:LEU:HD12	1:889:A:ILE:H	3	2.23
(1,1821)	1:888:A:LEU:HD13	1:889:A:ILE:H	3	2.23
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	16	2.23
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	16	2.23
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	16	2.23
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	5	2.23
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	5	2.23
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	11	2.23
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	13	2.23
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	4	2.23
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	8	2.23
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	8	2.23
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	1	2.23
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	4	2.23
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	18	2.23
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	18	2.23
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	18	2.23
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	7	2.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	7	2.23
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	7	2.23
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	7	2.23
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	7	2.23
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	7	2.23
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	7	2.23
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	7	2.23
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	7	2.23
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	17	2.23
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	17	2.23
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	17	2.23
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	6	2.23
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	6	2.23
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	6	2.23
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	7	2.23
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	7	2.23
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	7	2.23
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	11	2.23
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	11	2.23
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	11	2.23
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	11	2.23
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	11	2.23
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	11	2.23
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	11	2.23
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	11	2.23
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	11	2.23
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	10	2.23
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	10	2.23
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	10	2.23
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	3	2.23
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	3	2.23
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	3	2.23
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	7	2.23
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	7	2.23
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	7	2.23
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	13	2.23
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	13	2.23
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	13	2.23
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	3	2.23
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	3	2.23
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	11	2.23
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	11	2.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	11	2.23
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	18	2.23
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	18	2.23
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	18	2.23
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	18	2.23
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	18	2.23
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	18	2.23
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	18	2.23
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	18	2.23
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	18	2.23
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD21	13	2.23
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD22	13	2.23
(1,479)	1:873:A:LEU:HD22	1:876:A:LEU:HD23	13	2.23
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD21	13	2.23
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD22	13	2.23
(1,479)	1:873:A:LEU:HD23	1:876:A:LEU:HD23	13	2.23
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD21	13	2.23
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD22	13	2.23
(1,479)	1:873:A:LEU:HD21	1:876:A:LEU:HD23	13	2.23
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	11	2.23
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	11	2.23
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	11	2.23
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	19	2.23
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	19	2.23
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	19	2.23
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	10	2.23
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	10	2.23
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	10	2.23
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	20	2.23
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	20	2.23
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	20	2.23
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	20	2.23
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	20	2.23
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	20	2.23
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	20	2.23
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	20	2.23
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	20	2.23
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	19	2.23
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	19	2.23
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	8	2.23
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	8	2.23
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	8	2.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	10	2.23
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	10	2.23
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	10	2.23
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	12	2.23
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	20	2.23
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	20	2.23
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	20	2.23
(1,342)	1:854:A:ILE:HD11	1:873:A:LEU:HA	2	2.23
(1,342)	1:854:A:ILE:HD12	1:873:A:LEU:HA	2	2.23
(1,342)	1:854:A:ILE:HD13	1:873:A:LEU:HA	2	2.23
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	16	2.23
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	16	2.23
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	16	2.23
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	5	2.23
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	5	2.23
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	5	2.23
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	16	2.23
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	16	2.23
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	16	2.23
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	10	2.23
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	10	2.23
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	10	2.23
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	11	2.23
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	11	2.23
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	11	2.23
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	3	2.23
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	3	2.23
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	3	2.23
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	3	2.23
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	16	2.23
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	16	2.23
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	16	2.23
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	18	2.23
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	18	2.23
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	18	2.23
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	18	2.23
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	18	2.23
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	18	2.23
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	20	2.23
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	20	2.23
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	20	2.23
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	16	2.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	20	2.23
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	11	2.23
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	11	2.23
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	11	2.23
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	11	2.23
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	11	2.23
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	11	2.23
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	5	2.23
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	5	2.23
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	5	2.23
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	19	2.23
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	19	2.23
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	19	2.23
(1,53)	1:810:A:GLY:HA3	1:814:A:ASN:HD21	20	2.23
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	16	2.23
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	16	2.23
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	16	2.23
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	16	2.23
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	16	2.23
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	16	2.23
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	16	2.23
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	16	2.23
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	16	2.23
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	1	2.23
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	1	2.23
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	1	2.23
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	9	2.23
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	9	2.23
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	9	2.23
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	15	2.22
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	15	2.22
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	15	2.22
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	15	2.22
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	3	2.22
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	3	2.22
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	3	2.22
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	3	2.22
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	3	2.22
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	3	2.22
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	8	2.22
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	8	2.22
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	8	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	8	2.22
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	20	2.22
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	20	2.22
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	20	2.22
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	20	2.22
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	10	2.22
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	10	2.22
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	20	2.22
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	20	2.22
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	4	2.22
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	4	2.22
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	9	2.22
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	9	2.22
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	9	2.22
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	9	2.22
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	16	2.22
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	16	2.22
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	16	2.22
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	16	2.22
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	7	2.22
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	7	2.22
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	7	2.22
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	7	2.22
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	11	2.22
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	11	2.22
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	11	2.22
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	11	2.22
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	11	2.22
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	11	2.22
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	18	2.22
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	18	2.22
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	2	2.22
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	2	2.22
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	2	2.22
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	2	2.22
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	2	2.22
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	2	2.22
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	3	2.22
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	3	2.22
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	3	2.22
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	3	2.22
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	3	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	3	2.22
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	20	2.22
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	20	2.22
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	20	2.22
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	20	2.22
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	16	2.22
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	16	2.22
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	16	2.22
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	16	2.22
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	16	2.22
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	16	2.22
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	4	2.22
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	4	2.22
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	14	2.22
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	14	2.22
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	18	2.22
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	18	2.22
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	18	2.22
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	18	2.22
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	13	2.22
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	13	2.22
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	13	2.22
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	13	2.22
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	13	2.22
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	13	2.22
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	5	2.22
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	5	2.22
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	5	2.22
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	20	2.22
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	20	2.22
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	20	2.22
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	5	2.22
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	1	2.22
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	1	2.22
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	1	2.22
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	2	2.22
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	2	2.22
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	2	2.22
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	10	2.22
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	10	2.22
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	10	2.22
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	12	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	12	2.22
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	12	2.22
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	19	2.22
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	19	2.22
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	19	2.22
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	19	2.22
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	19	2.22
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	19	2.22
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	11	2.22
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	11	2.22
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	11	2.22
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	8	2.22
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	8	2.22
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	8	2.22
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	19	2.22
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	19	2.22
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	19	2.22
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD11	20	2.22
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD12	20	2.22
(1,2834)	1:904:A:LEU:HD21	1:917:A:ILE:HD13	20	2.22
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD11	20	2.22
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD12	20	2.22
(1,2834)	1:904:A:LEU:HD22	1:917:A:ILE:HD13	20	2.22
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD11	20	2.22
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD12	20	2.22
(1,2834)	1:904:A:LEU:HD23	1:917:A:ILE:HD13	20	2.22
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	4	2.22
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	4	2.22
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	4	2.22
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	4	2.22
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	4	2.22
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	4	2.22
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	4	2.22
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	4	2.22
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	4	2.22
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	6	2.22
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	6	2.22
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	6	2.22
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	6	2.22
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	6	2.22
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	6	2.22
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	6	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	6	2.22
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	6	2.22
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	3	2.22
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	3	2.22
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	3	2.22
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	3	2.22
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	3	2.22
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	3	2.22
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	3	2.22
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	18	2.22
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	18	2.22
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	18	2.22
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG2	14	2.22
(1,2747)	1:875:A:TYR:HA	1:878:A:LYS:HG3	14	2.22
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	8	2.22
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	8	2.22
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	3	2.22
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	3	2.22
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	3	2.22
(1,2575)	1:912:A:PHE:HD1	1:917:A:ILE:HG12	4	2.22
(1,2575)	1:912:A:PHE:HD2	1:917:A:ILE:HG12	4	2.22
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	5	2.22
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	6	2.22
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	6	2.22
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	13	2.22
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	13	2.22
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	19	2.22
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	19	2.22
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	8	2.22
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	8	2.22
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	4	2.22
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	2	2.22
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	2	2.22
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	15	2.22
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	15	2.22
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	15	2.22
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	15	2.22
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	15	2.22
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	15	2.22
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	5	2.22
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	5	2.22
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	5	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	5	2.22
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	5	2.22
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	5	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	10	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	10	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	10	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	10	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	10	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	10	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	15	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	15	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	15	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	15	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	15	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	15	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	16	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	16	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	16	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	16	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	16	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	16	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	17	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	17	2.22
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	17	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	17	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	17	2.22
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	17	2.22
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	9	2.22
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	9	2.22
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	9	2.22
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	9	2.22
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	9	2.22
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	9	2.22
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	9	2.22
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	9	2.22
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	9	2.22
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	9	2.22
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	9	2.22
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	9	2.22
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	12	2.22
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	12	2.22
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	12	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	12	2.22
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	12	2.22
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	12	2.22
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	13	2.22
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	13	2.22
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	13	2.22
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	13	2.22
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	13	2.22
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	13	2.22
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	9	2.22
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	9	2.22
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	9	2.22
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	9	2.22
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	9	2.22
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	9	2.22
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	10	2.22
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	10	2.22
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	10	2.22
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	10	2.22
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	10	2.22
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	10	2.22
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	6	2.22
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	6	2.22
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	6	2.22
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	6	2.22
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	6	2.22
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	6	2.22
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	15	2.22
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	15	2.22
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	15	2.22
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	15	2.22
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	15	2.22
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	15	2.22
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	5	2.22
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	7	2.22
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	7	2.22
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	7	2.22
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	2	2.22
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	2	2.22
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	2	2.22
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	11	2.22
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	11	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	11	2.22
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	15	2.22
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	15	2.22
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	15	2.22
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	14	2.22
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	14	2.22
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	14	2.22
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	14	2.22
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	19	2.22
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	20	2.22
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	9	2.22
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	9	2.22
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	9	2.22
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	20	2.22
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	3	2.22
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	3	2.22
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	3	2.22
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	13	2.22
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	13	2.22
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	13	2.22
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	10	2.22
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	10	2.22
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	10	2.22
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	18	2.22
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	18	2.22
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	18	2.22
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	13	2.22
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	13	2.22
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	13	2.22
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	18	2.22
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	18	2.22
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	18	2.22
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	19	2.22
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	19	2.22
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	19	2.22
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	4	2.22
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	4	2.22
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	4	2.22
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	4	2.22
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	4	2.22
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	4	2.22
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	4	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	4	2.22
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	4	2.22
(1,840)	1:845:A:LEU:HD11	1:882:A:PHE:HA	5	2.22
(1,840)	1:845:A:LEU:HD12	1:882:A:PHE:HA	5	2.22
(1,840)	1:845:A:LEU:HD13	1:882:A:PHE:HA	5	2.22
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	1	2.22
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	1	2.22
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	1	2.22
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	5	2.22
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	5	2.22
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	5	2.22
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	10	2.22
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	10	2.22
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	10	2.22
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	1	2.22
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	1	2.22
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	10	2.22
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	10	2.22
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	10	2.22
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	10	2.22
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	10	2.22
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	10	2.22
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	10	2.22
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	10	2.22
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	10	2.22
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	1	2.22
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	1	2.22
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	1	2.22
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	1	2.22
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	1	2.22
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	1	2.22
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	1	2.22
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	1	2.22
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	1	2.22
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	14	2.22
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	14	2.22
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	14	2.22
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	19	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	1	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	1	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	1	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	6	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	6	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	6	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	9	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	9	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	9	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	10	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	10	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	10	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	14	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	14	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	14	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	15	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	15	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	15	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	16	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	16	2.22
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	16	2.22
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	11	2.22
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	11	2.22
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	11	2.22
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	6	2.22
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	6	2.22
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	6	2.22
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	6	2.22
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	6	2.22
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	6	2.22
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	6	2.22
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	6	2.22
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	6	2.22
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	12	2.22
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	12	2.22
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	12	2.22
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	12	2.22
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	12	2.22
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	12	2.22
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	12	2.22
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	12	2.22
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	12	2.22
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	11	2.22
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	11	2.22
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	11	2.22
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	11	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	11	2.22
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	11	2.22
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	11	2.22
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	11	2.22
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	11	2.22
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	3	2.22
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	3	2.22
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	3	2.22
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	15	2.22
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	15	2.22
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	15	2.22
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	17	2.22
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	17	2.22
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	17	2.22
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	2	2.22
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	2	2.22
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	2	2.22
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	10	2.22
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	10	2.22
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	10	2.22
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	10	2.22
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	10	2.22
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	10	2.22
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	2	2.22
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	2	2.22
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	2	2.22
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	2	2.22
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	2	2.22
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	2	2.22
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	18	2.22
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	18	2.22
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	14	2.22
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	14	2.22
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	14	2.22
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	18	2.22
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	18	2.22
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	18	2.22
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	18	2.22
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	18	2.22
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	18	2.22
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	3	2.22
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	5	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	5	2.22
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	5	2.22
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	12	2.22
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	12	2.22
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	16	2.22
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	16	2.22
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	16	2.22
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	16	2.22
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	16	2.22
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	16	2.22
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	16	2.22
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	16	2.22
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	16	2.22
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	4	2.22
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	13	2.22
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	13	2.22
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	13	2.22
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	6	2.22
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	6	2.22
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	6	2.22
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	6	2.22
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	6	2.22
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	6	2.22
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	18	2.22
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	18	2.22
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	18	2.22
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	18	2.22
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	18	2.22
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	18	2.22
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	18	2.22
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	18	2.22
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	18	2.22
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	2	2.21
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	2	2.21
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	8	2.21
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	8	2.21
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	11	2.21
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	11	2.21
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	20	2.21
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	20	2.21
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	20	2.21
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	20	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	20	2.21
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	20	2.21
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	11	2.21
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	11	2.21
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	18	2.21
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	18	2.21
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	3	2.21
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	3	2.21
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	3	2.21
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	3	2.21
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	7	2.21
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	7	2.21
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	7	2.21
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	7	2.21
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	7	2.21
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	7	2.21
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	2	2.21
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	2	2.21
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	10	2.21
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	10	2.21
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	10	2.21
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	8	2.21
(1,2934)	1:857:A:LEU:HD11	1:872:A:HIS:HB3	11	2.21
(1,2934)	1:857:A:LEU:HD12	1:872:A:HIS:HB3	11	2.21
(1,2934)	1:857:A:LEU:HD13	1:872:A:HIS:HB3	11	2.21
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	7	2.21
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	7	2.21
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	7	2.21
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	13	2.21
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	13	2.21
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	13	2.21
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	3	2.21
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	3	2.21
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	3	2.21
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	18	2.21
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	18	2.21
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	18	2.21
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	8	2.21
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	8	2.21
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	8	2.21
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	8	2.21
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	8	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	8	2.21
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	2	2.21
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	2	2.21
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	2	2.21
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	18	2.21
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	18	2.21
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	18	2.21
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	18	2.21
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	18	2.21
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	18	2.21
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	18	2.21
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	15	2.21
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	15	2.21
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	6	2.21
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	6	2.21
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	6	2.21
(1,2466)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	6	2.21
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	17	2.21
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	17	2.21
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	2	2.21
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	2	2.21
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	2	2.21
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	2	2.21
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	2	2.21
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	2	2.21
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	2	2.21
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	2	2.21
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	2	2.21
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	5	2.21
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	5	2.21
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	5	2.21
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	2	2.21
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	2	2.21
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	2	2.21
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	2	2.21
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	2	2.21
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	2	2.21
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	10	2.21
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	10	2.21
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	10	2.21
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	10	2.21
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	10	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	10	2.21
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	15	2.21
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	15	2.21
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	15	2.21
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	15	2.21
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	15	2.21
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	15	2.21
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	19	2.21
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	19	2.21
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	19	2.21
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	19	2.21
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	19	2.21
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	19	2.21
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	5	2.21
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	5	2.21
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	5	2.21
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	5	2.21
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	5	2.21
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	5	2.21
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	20	2.21
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	20	2.21
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	20	2.21
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	20	2.21
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	20	2.21
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	20	2.21
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	8	2.21
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	8	2.21
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	8	2.21
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	8	2.21
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	8	2.21
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	8	2.21
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	17	2.21
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	13	2.21
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	14	2.21
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	19	2.21
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	20	2.21
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	20	2.21
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	1	2.21
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	1	2.21
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	9	2.21
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	9	2.21
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	13	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	4	2.21
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	4	2.21
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	2	2.21
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	2	2.21
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	11	2.21
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	11	2.21
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	5	2.21
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	5	2.21
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	5	2.21
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	6	2.21
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	14	2.21
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	18	2.21
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	11	2.21
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	11	2.21
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	11	2.21
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	4	2.21
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	4	2.21
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	4	2.21
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	11	2.21
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	11	2.21
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	11	2.21
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	3	2.21
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	3	2.21
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	3	2.21
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	16	2.21
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	16	2.21
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	16	2.21
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	12	2.21
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	12	2.21
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	12	2.21
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	16	2.21
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	16	2.21
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	16	2.21
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	7	2.21
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	7	2.21
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	7	2.21
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	12	2.21
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	12	2.21
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	15	2.21
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	15	2.21
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	15	2.21
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	15	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	15	2.21
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	15	2.21
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	5	2.21
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	5	2.21
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	5	2.21
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	19	2.21
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	19	2.21
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	2	2.21
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	2	2.21
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	2	2.21
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	7	2.21
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	7	2.21
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	7	2.21
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	7	2.21
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	9	2.21
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	9	2.21
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	9	2.21
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	9	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	3	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	3	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	3	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	4	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	4	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	4	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	7	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	7	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	7	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	17	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	17	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	17	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	18	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	18	2.21
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	18	2.21
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	8	2.21
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	8	2.21
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	8	2.21
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	1	2.21
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	1	2.21
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	1	2.21
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	1	2.21
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	1	2.21
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	1	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	1	2.21
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	1	2.21
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	1	2.21
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	9	2.21
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	9	2.21
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	9	2.21
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	9	2.21
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	9	2.21
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	9	2.21
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	9	2.21
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	9	2.21
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	9	2.21
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	17	2.21
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	17	2.21
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	17	2.21
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	17	2.21
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	17	2.21
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	17	2.21
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	17	2.21
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	17	2.21
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	17	2.21
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	20	2.21
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	20	2.21
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	20	2.21
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	20	2.21
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	20	2.21
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	20	2.21
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	20	2.21
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	20	2.21
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	20	2.21
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	18	2.21
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	18	2.21
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	18	2.21
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	18	2.21
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	18	2.21
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	18	2.21
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	18	2.21
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	18	2.21
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	18	2.21
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	3	2.21
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	3	2.21
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	3	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	19	2.21
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	19	2.21
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	19	2.21
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	2	2.21
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	2	2.21
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	2	2.21
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	2	2.21
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	2	2.21
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	2	2.21
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	2	2.21
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	2	2.21
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	2	2.21
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	18	2.21
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	18	2.21
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	18	2.21
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	8	2.21
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	8	2.21
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	8	2.21
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	2	2.21
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	2	2.21
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	2	2.21
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	2	2.21
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	2	2.21
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	2	2.21
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	8	2.21
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	8	2.21
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	8	2.21
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	8	2.21
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	11	2.21
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	11	2.21
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	11	2.21
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	6	2.21
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	1	2.21
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	1	2.21
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	1	2.21
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	1	2.21
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	1	2.21
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	1	2.21
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	2	2.21
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	19	2.21
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	5	2.21
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	5	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	5	2.21
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	19	2.2
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	19	2.2
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	19	2.2
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	19	2.2
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	19	2.2
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	19	2.2
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	19	2.2
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	19	2.2
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	19	2.2
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	19	2.2
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	17	2.2
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	17	2.2
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	4	2.2
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	4	2.2
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	5	2.2
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	5	2.2
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	6	2.2
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	6	2.2
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	6	2.2
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	6	2.2
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	6	2.2
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	6	2.2
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	15	2.2
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	15	2.2
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	15	2.2
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	15	2.2
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	3	2.2
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	3	2.2
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	3	2.2
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	3	2.2
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	3	2.2
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	3	2.2
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	3	2.2
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	3	2.2
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	5	2.2
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	5	2.2
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	5	2.2
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	5	2.2
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	5	2.2
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	5	2.2
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	10	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	10	2.2
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	8	2.2
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	8	2.2
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	8	2.2
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	8	2.2
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	10	2.2
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	10	2.2
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	10	2.2
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	10	2.2
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	11	2.2
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	11	2.2
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	11	2.2
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	11	2.2
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	14	2.2
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	14	2.2
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	14	2.2
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	14	2.2
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	14	2.2
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	14	2.2
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	17	2.2
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	17	2.2
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	17	2.2
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	17	2.2
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	17	2.2
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	17	2.2
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	9	2.2
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	9	2.2
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	9	2.2
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	8	2.2
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	18	2.2
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	19	2.2
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	4	2.2
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	17	2.2
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	17	2.2
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	17	2.2
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	17	2.2
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	7	2.2
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	7	2.2
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	7	2.2
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	10	2.2
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	10	2.2
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	10	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	2	2.2
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	2	2.2
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	2	2.2
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	1	2.2
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	1	2.2
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	1	2.2
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	1	2.2
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	1	2.2
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	1	2.2
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	19	2.2
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	19	2.2
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	19	2.2
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	13	2.2
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	13	2.2
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	13	2.2
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	12	2.2
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	12	2.2
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	12	2.2
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	15	2.2
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	15	2.2
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	15	2.2
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	15	2.2
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	15	2.2
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	15	2.2
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	15	2.2
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	15	2.2
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	15	2.2
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	4	2.2
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	4	2.2
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	4	2.2
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	14	2.2
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	14	2.2
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	14	2.2
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	9	2.2
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	18	2.2
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	18	2.2
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	15	2.2
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	17	2.2
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	17	2.2
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	17	2.2
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	12	2.2
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	12	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	12	2.2
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	2	2.2
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	2	2.2
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	4	2.2
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	3	2.2
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	3	2.2
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	14	2.2
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	14	2.2
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	10	2.2
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	10	2.2
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	11	2.2
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	11	2.2
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	7	2.2
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	7	2.2
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	12	2.2
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	12	2.2
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	14	2.2
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	2	2.2
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	2	2.2
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	12	2.2
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	12	2.2
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	15	2.2
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	15	2.2
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	16	2.2
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	16	2.2
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	7	2.2
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	7	2.2
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	7	2.2
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	7	2.2
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	7	2.2
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	7	2.2
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	19	2.2
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	19	2.2
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	19	2.2
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	19	2.2
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	19	2.2
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	19	2.2
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	11	2.2
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	11	2.2
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	11	2.2
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	11	2.2
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	11	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	11	2.2
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	14	2.2
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	14	2.2
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	14	2.2
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	14	2.2
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	14	2.2
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	14	2.2
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	18	2.2
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	18	2.2
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	18	2.2
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	18	2.2
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	18	2.2
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	18	2.2
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	2	2.2
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	2	2.2
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	10	2.2
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	10	2.2
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	5	2.2
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	5	2.2
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	5	2.2
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	4	2.2
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	4	2.2
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	17	2.2
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	17	2.2
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	17	2.2
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	4	2.2
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	4	2.2
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	4	2.2
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	16	2.2
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	11	2.2
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	14	2.2
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	14	2.2
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	14	2.2
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	6	2.2
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	6	2.2
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	19	2.2
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	19	2.2
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG22	9	2.2
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG23	9	2.2
(1,1040)	1:814:A:ASN:HD21	1:849:A:THR:HG21	9	2.2
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	6	2.2
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	6	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	6	2.2
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	6	2.2
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	6	2.2
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	6	2.2
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	6	2.2
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	6	2.2
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	6	2.2
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	9	2.2
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	9	2.2
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	9	2.2
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	10	2.2
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	10	2.2
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	10	2.2
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	12	2.2
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	12	2.2
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	12	2.2
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	14	2.2
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	14	2.2
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	14	2.2
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	18	2.2
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	18	2.2
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	18	2.2
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	4	2.2
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	4	2.2
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	4	2.2
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	8	2.2
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	8	2.2
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	8	2.2
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	9	2.2
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	9	2.2
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	9	2.2
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	2	2.2
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	2	2.2
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	2	2.2
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	3	2.2
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	3	2.2
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	3	2.2
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	15	2.2
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	15	2.2
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	15	2.2
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	15	2.2
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	15	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	15	2.2
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	17	2.2
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	17	2.2
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	17	2.2
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	10	2.2
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	10	2.2
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	10	2.2
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	11	2.2
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	11	2.2
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	4	2.2
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	4	2.2
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	4	2.2
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	4	2.2
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	4	2.2
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	4	2.2
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	8	2.2
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	8	2.2
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	8	2.2
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	8	2.2
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	8	2.2
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	8	2.2
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	14	2.2
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	14	2.2
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	14	2.2
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	14	2.2
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	14	2.2
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	14	2.2
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	3	2.2
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	3	2.2
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	3	2.2
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	13	2.2
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	13	2.2
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	13	2.2
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	4	2.2
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	4	2.2
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	4	2.2
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	4	2.2
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	4	2.2
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	4	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	2	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	2	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	2	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	8	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	8	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	8	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	12	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	12	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	12	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	13	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	13	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	13	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	20	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	20	2.2
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	20	2.2
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	7	2.2
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	7	2.2
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	15	2.2
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	15	2.2
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	15	2.2
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	5	2.2
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	5	2.2
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	5	2.2
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	13	2.2
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	13	2.2
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	13	2.2
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	16	2.2
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	16	2.2
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	16	2.2
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	16	2.2
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	16	2.2
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	16	2.2
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	12	2.2
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	12	2.2
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	6	2.2
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	6	2.2
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	6	2.2
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	11	2.2
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	18	2.2
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	18	2.2
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	18	2.2
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	15	2.2
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	15	2.2
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	15	2.2
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	15	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	15	2.2
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	15	2.2
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	15	2.2
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	15	2.2
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	15	2.2
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	8	2.2
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	8	2.2
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	16	2.2
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	16	2.2
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	16	2.2
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	4	2.2
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	4	2.2
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	4	2.2
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	4	2.2
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	4	2.2
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	4	2.2
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	4	2.2
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	4	2.2
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	4	2.2
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	2	2.2
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	2	2.2
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	2	2.2
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	2	2.2
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	2	2.2
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	2	2.2
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	2	2.2
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	2	2.2
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	2	2.2
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	3	2.2
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	16	2.2
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	16	2.2
(1,181)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	16	2.2
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	13	2.2
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	13	2.2
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	13	2.2
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	13	2.2
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	13	2.2
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	13	2.2
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	1	2.2
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	17	2.2
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	17	2.2
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	17	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	13	2.19
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	13	2.19
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	13	2.19
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	13	2.19
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	13	2.19
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	13	2.19
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	11	2.19
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	11	2.19
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	11	2.19
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	11	2.19
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	4	2.19
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	4	2.19
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	4	2.19
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	4	2.19
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	4	2.19
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	4	2.19
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	18	2.19
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	18	2.19
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	18	2.19
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	18	2.19
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	4	2.19
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	4	2.19
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	4	2.19
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	4	2.19
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	4	2.19
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	4	2.19
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	13	2.19
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	13	2.19
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	13	2.19
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	13	2.19
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	13	2.19
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	13	2.19
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	3	2.19
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	3	2.19
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	3	2.19
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	3	2.19
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	14	2.19
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	14	2.19
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	14	2.19
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	14	2.19
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	14	2.19
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	14	2.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	11	2.19
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	11	2.19
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	11	2.19
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	11	2.19
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	6	2.19
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	6	2.19
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	6	2.19
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	6	2.19
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	6	2.19
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	6	2.19
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	12	2.19
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	12	2.19
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	12	2.19
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	5	2.19
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	5	2.19
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	5	2.19
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	12	2.19
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	12	2.19
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	12	2.19
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	5	2.19
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	5	2.19
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	5	2.19
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	5	2.19
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	6	2.19
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	6	2.19
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	6	2.19
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	17	2.19
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	17	2.19
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	3	2.19
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	3	2.19
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	3	2.19
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	5	2.19
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	5	2.19
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	5	2.19
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	14	2.19
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	14	2.19
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	14	2.19
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	18	2.19
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	18	2.19
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	18	2.19
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	16	2.19
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	16	2.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	16	2.19
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	1	2.19
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	1	2.19
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	1	2.19
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	5	2.19
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	5	2.19
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	5	2.19
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	11	2.19
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	11	2.19
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	11	2.19
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	14	2.19
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	14	2.19
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	14	2.19
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	18	2.19
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	18	2.19
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	18	2.19
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	18	2.19
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	18	2.19
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	18	2.19
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	18	2.19
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	18	2.19
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	18	2.19
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	5	2.19
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	5	2.19
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	5	2.19
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	13	2.19
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	13	2.19
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	13	2.19
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	6	2.19
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	1	2.19
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	1	2.19
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	1	2.19
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	16	2.19
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	16	2.19
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	16	2.19
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	16	2.19
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	16	2.19
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	16	2.19
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	17	2.19
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	17	2.19
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	17	2.19
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	17	2.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	17	2.19
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	17	2.19
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	19	2.19
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	19	2.19
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	19	2.19
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	19	2.19
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	19	2.19
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	19	2.19
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	8	2.19
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	8	2.19
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	8	2.19
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	3	2.19
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	3	2.19
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	10	2.19
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	10	2.19
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	14	2.19
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	14	2.19
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	14	2.19
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	14	2.19
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	11	2.19
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	11	2.19
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	11	2.19
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	13	2.19
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	13	2.19
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	13	2.19
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	5	2.19
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	5	2.19
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	18	2.19
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	18	2.19
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	17	2.19
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	17	2.19
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	19	2.19
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	19	2.19
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	19	2.19
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	19	2.19
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	19	2.19
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	19	2.19
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	18	2.19
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	18	2.19
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	18	2.19
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	18	2.19
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	18	2.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	18	2.19
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	12	2.19
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	12	2.19
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	12	2.19
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	20	2.19
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	20	2.19
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	20	2.19
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	20	2.19
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	20	2.19
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	20	2.19
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	17	2.19
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	17	2.19
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	12	2.19
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	12	2.19
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	13	2.19
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	3	2.19
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	10	2.19
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	10	2.19
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	9	2.19
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	9	2.19
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	9	2.19
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	17	2.19
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	17	2.19
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	17	2.19
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	17	2.19
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	17	2.19
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	11	2.19
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	11	2.19
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	12	2.19
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	14	2.19
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	14	2.19
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	3	2.19
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	3	2.19
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	7	2.19
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	7	2.19
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	7	2.19
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	11	2.19
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	11	2.19
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	11	2.19
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	11	2.19
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	19	2.19
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	4	2.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	6	2.19
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	6	2.19
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	6	2.19
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	9	2.19
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	9	2.19
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	9	2.19
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	15	2.19
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	15	2.19
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	15	2.19
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	20	2.19
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	20	2.19
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	20	2.19
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	3	2.19
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	3	2.19
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	3	2.19
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	1	2.19
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	1	2.19
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	1	2.19
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	12	2.19
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	12	2.19
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	12	2.19
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	10	2.19
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	10	2.19
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	10	2.19
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	3	2.19
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	3	2.19
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	18	2.19
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	18	2.19
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	18	2.19
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	18	2.19
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	18	2.19
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	18	2.19
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	18	2.19
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	18	2.19
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	18	2.19
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	1	2.19
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	1	2.19
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	18	2.19
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	18	2.19
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	18	2.19
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	18	2.19
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	18	2.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	11	2.19
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	11	2.19
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	11	2.19
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	11	2.19
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	11	2.19
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	11	2.19
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	17	2.19
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	17	2.19
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	17	2.19
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	17	2.19
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	17	2.19
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	17	2.19
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	15	2.19
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	15	2.19
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	15	2.19
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	5	2.19
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	5	2.19
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	5	2.19
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	16	2.19
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	16	2.19
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	16	2.19
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD11	18	2.19
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD12	18	2.19
(1,400)	1:862:A:ILE:HA	1:862:A:ILE:HD13	18	2.19
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	2	2.19
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	2	2.19
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	2	2.19
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD12	14	2.19
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD13	14	2.19
(1,307)	1:820:A:LYS:HA	1:852:A:LEU:HD11	14	2.19
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	5	2.19
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	5	2.19
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	5	2.19
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	5	2.19
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	13	2.19
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	13	2.19
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	13	2.19
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	13	2.19
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	6	2.19
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	6	2.19
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	6	2.19
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	11	2.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	4	2.19
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	4	2.19
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	4	2.19
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	4	2.19
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	4	2.19
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	4	2.19
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	5	2.19
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	5	2.19
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	10	2.19
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	10	2.19
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	10	2.19
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	10	2.19
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	10	2.19
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	10	2.19
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	10	2.19
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	10	2.19
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	10	2.19
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	13	2.19
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	10	2.19
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	10	2.19
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	10	2.19
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	10	2.19
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	10	2.19
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	10	2.19
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	10	2.19
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	10	2.19
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	10	2.19
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	11	2.18
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	11	2.18
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	11	2.18
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	11	2.18
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	8	2.18
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	8	2.18
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	8	2.18
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	8	2.18
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	8	2.18
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	8	2.18
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	15	2.18
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	15	2.18
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	15	2.18
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	15	2.18
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	15	2.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	15	2.18
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB2	8	2.18
(1,3260)	1:867:A:SER:HB2	1:911:A:HIS:HB3	8	2.18
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	18	2.18
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	18	2.18
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	4	2.18
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	4	2.18
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	4	2.18
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	4	2.18
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	4	2.18
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	4	2.18
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	6	2.18
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	6	2.18
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	17	2.18
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	17	2.18
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	13	2.18
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	13	2.18
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	13	2.18
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	13	2.18
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	1	2.18
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	1	2.18
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	4	2.18
(1,2931)	1:845:A:LEU:HD11	1:885:A:MET:HG2	8	2.18
(1,2931)	1:845:A:LEU:HD12	1:885:A:MET:HG2	8	2.18
(1,2931)	1:845:A:LEU:HD13	1:885:A:MET:HG2	8	2.18
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	15	2.18
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	15	2.18
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	15	2.18
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	4	2.18
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	4	2.18
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	4	2.18
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	16	2.18
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	16	2.18
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	16	2.18
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	16	2.18
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	16	2.18
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	16	2.18
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	19	2.18
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	19	2.18
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	19	2.18
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	19	2.18
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	19	2.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	19	2.18
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	1	2.18
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	1	2.18
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	1	2.18
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	11	2.18
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	11	2.18
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	11	2.18
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	10	2.18
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	10	2.18
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	10	2.18
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	15	2.18
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	15	2.18
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	15	2.18
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	15	2.18
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	15	2.18
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	15	2.18
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	19	2.18
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	19	2.18
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	19	2.18
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	9	2.18
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	9	2.18
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	9	2.18
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	20	2.18
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	20	2.18
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	20	2.18
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	20	2.18
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	20	2.18
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	20	2.18
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	1	2.18
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	1	2.18
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	1	2.18
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	20	2.18
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	20	2.18
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	20	2.18
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	20	2.18
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	20	2.18
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	20	2.18
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	16	2.18
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	16	2.18
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	16	2.18
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	16	2.18
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	4	2.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	4	2.18
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	4	2.18
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	7	2.18
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	7	2.18
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	7	2.18
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	19	2.18
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	19	2.18
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	19	2.18
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	19	2.18
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	13	2.18
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	13	2.18
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	16	2.18
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	16	2.18
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	16	2.18
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	12	2.18
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	12	2.18
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	2	2.18
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	2	2.18
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	10	2.18
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	10	2.18
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	7	2.18
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	7	2.18
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	18	2.18
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	18	2.18
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	18	2.18
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	18	2.18
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	18	2.18
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	18	2.18
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	19	2.18
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	19	2.18
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	19	2.18
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	19	2.18
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	19	2.18
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	19	2.18
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	13	2.18
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	13	2.18
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	13	2.18
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	13	2.18
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	13	2.18
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	13	2.18
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	3	2.18
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	3	2.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	3	2.18
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	3	2.18
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	3	2.18
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	3	2.18
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	8	2.18
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	8	2.18
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	8	2.18
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	8	2.18
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	8	2.18
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	8	2.18
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	18	2.18
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	18	2.18
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	18	2.18
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	18	2.18
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	18	2.18
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	18	2.18
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	4	2.18
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	4	2.18
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	1	2.18
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	1	2.18
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	1	2.18
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	1	2.18
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	1	2.18
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	1	2.18
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	8	2.18
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	15	2.18
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	5	2.18
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	8	2.18
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	20	2.18
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	8	2.18
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	8	2.18
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	8	2.18
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	12	2.18
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	12	2.18
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	12	2.18
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	8	2.18
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	8	2.18
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	13	2.18
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	13	2.18
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	3	2.18
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	3	2.18
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	3	2.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	15	2.18
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	15	2.18
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	11	2.18
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	11	2.18
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	11	2.18
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	15	2.18
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	16	2.18
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	16	2.18
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	12	2.18
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	14	2.18
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	14	2.18
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	14	2.18
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	8	2.18
(1,940)	1:804:A:ASN:HB2	1:805:A:ASN:HD21	14	2.18
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	6	2.18
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	6	2.18
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	6	2.18
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	4	2.18
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	4	2.18
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	4	2.18
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	1	2.18
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	1	2.18
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	1	2.18
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	4	2.18
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	4	2.18
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	4	2.18
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	7	2.18
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	7	2.18
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	7	2.18
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	17	2.18
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	17	2.18
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	17	2.18
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	6	2.18
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	6	2.18
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	6	2.18
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	6	2.18
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	6	2.18
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	6	2.18
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	10	2.18
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	10	2.18
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	6	2.18
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	6	2.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	6	2.18
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	6	2.18
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	6	2.18
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	6	2.18
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	6	2.18
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	6	2.18
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	6	2.18
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	6	2.18
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	6	2.18
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	6	2.18
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	4	2.18
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	4	2.18
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	4	2.18
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	4	2.18
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	4	2.18
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	4	2.18
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	2	2.18
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	2	2.18
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	2	2.18
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	2	2.18
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	2	2.18
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	2	2.18
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	12	2.18
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	12	2.18
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	12	2.18
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	12	2.18
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	12	2.18
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	12	2.18
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	12	2.18
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	6	2.18
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	6	2.18
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	6	2.18
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	6	2.18
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	6	2.18
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	6	2.18
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	10	2.18
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	10	2.18
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	10	2.18
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	10	2.18
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	10	2.18
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	10	2.18
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD11	5	2.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD12	5	2.18
(1,471)	1:873:A:LEU:HB2	1:873:A:LEU:HD13	5	2.18
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	16	2.18
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	16	2.18
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	16	2.18
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	11	2.18
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	11	2.18
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	11	2.18
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	13	2.18
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	13	2.18
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	13	2.18
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	13	2.18
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	13	2.18
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	13	2.18
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	4	2.18
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	4	2.18
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	4	2.18
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	4	2.18
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	4	2.18
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	4	2.18
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	4	2.18
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	4	2.18
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	4	2.18
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	13	2.18
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	13	2.18
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	13	2.18
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	13	2.18
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	13	2.18
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	13	2.18
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	15	2.18
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	15	2.18
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	15	2.18
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	20	2.18
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	20	2.18
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	20	2.18
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	19	2.18
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	19	2.18
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	19	2.18
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	19	2.18
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	19	2.18
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	19	2.18
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	19	2.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	19	2.18
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	19	2.18
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	8	2.18
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	8	2.18
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	8	2.18
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	8	2.18
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	8	2.18
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	8	2.18
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	8	2.18
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	8	2.18
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	8	2.18
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	8	2.18
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	8	2.18
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	8	2.18
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	8	2.18
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	8	2.18
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	8	2.18
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	1	2.18
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	1	2.18
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	1	2.18
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	1	2.18
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	1	2.18
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	1	2.18
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	14	2.18
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	14	2.18
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	14	2.18
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG21	2	2.18
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG22	2	2.18
(1,193)	1:829:A:LEU:HD11	1:832:A:THR:HG23	2	2.18
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG21	2	2.18
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG22	2	2.18
(1,193)	1:829:A:LEU:HD12	1:832:A:THR:HG23	2	2.18
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG21	2	2.18
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG22	2	2.18
(1,193)	1:829:A:LEU:HD13	1:832:A:THR:HG23	2	2.18
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	9	2.18
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	9	2.18
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	9	2.18
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	9	2.18
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	9	2.18
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	9	2.18
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	9	2.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	9	2.18
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	9	2.18
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	16	2.18
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	4	2.18
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	4	2.18
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	4	2.18
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	9	2.18
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	9	2.18
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	9	2.18
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	9	2.18
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	9	2.18
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	9	2.18
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	9	2.18
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	9	2.18
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	9	2.18
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	18	2.18
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	18	2.18
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	18	2.18
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	18	2.18
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	18	2.18
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	18	2.18
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	18	2.18
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	18	2.18
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	18	2.18
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	9	2.18
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	9	2.18
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	9	2.18
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	9	2.18
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	9	2.18
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	9	2.18
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	9	2.18
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	9	2.18
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	9	2.18
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	11	2.18
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	11	2.18
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	11	2.18
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	11	2.18
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	11	2.18
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	11	2.18
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	11	2.18
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	11	2.18
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	11	2.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	12	2.17
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	12	2.17
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	12	2.17
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	12	2.17
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	12	2.17
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	12	2.17
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	19	2.17
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	19	2.17
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	19	2.17
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	19	2.17
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	19	2.17
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	19	2.17
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	1	2.17
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	1	2.17
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	9	2.17
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	9	2.17
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	14	2.17
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	14	2.17
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	4	2.17
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	4	2.17
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	18	2.17
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	18	2.17
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	19	2.17
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	19	2.17
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	19	2.17
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	19	2.17
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	19	2.17
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	19	2.17
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	5	2.17
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	5	2.17
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	5	2.17
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	5	2.17
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	5	2.17
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	5	2.17
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	13	2.17
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	13	2.17
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	1	2.17
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	1	2.17
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	13	2.17
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	13	2.17
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	17	2.17
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	17	2.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	3	2.17
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	3	2.17
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	1	2.17
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	1	2.17
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	1	2.17
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	15	2.17
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	15	2.17
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	15	2.17
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	10	2.17
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	3	2.17
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	3	2.17
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	3	2.17
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	3	2.17
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	16	2.17
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	16	2.17
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	16	2.17
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	16	2.17
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	7	2.17
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	7	2.17
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	7	2.17
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	16	2.17
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	16	2.17
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	16	2.17
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	9	2.17
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	9	2.17
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	9	2.17
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	18	2.17
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	18	2.17
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	18	2.17
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	6	2.17
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	6	2.17
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	6	2.17
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	14	2.17
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	14	2.17
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	14	2.17
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	9	2.17
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	9	2.17
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	9	2.17
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	14	2.17
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	14	2.17
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	14	2.17
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	14	2.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	14	2.17
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	14	2.17
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	14	2.17
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	14	2.17
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	14	2.17
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	20	2.17
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	20	2.17
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	20	2.17
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	20	2.17
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	20	2.17
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	20	2.17
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	20	2.17
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	20	2.17
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	20	2.17
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	7	2.17
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	7	2.17
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	7	2.17
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	7	2.17
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	7	2.17
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	7	2.17
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	7	2.17
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	7	2.17
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	7	2.17
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	14	2.17
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	2	2.17
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	3	2.17
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	3	2.17
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	3	2.17
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	3	2.17
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	3	2.17
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	3	2.17
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	7	2.17
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	7	2.17
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	7	2.17
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	7	2.17
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	7	2.17
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	7	2.17
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	3	2.17
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	3	2.17
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	3	2.17
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	3	2.17
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	3	2.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	3	2.17
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	15	2.17
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	15	2.17
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	17	2.17
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	17	2.17
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	11	2.17
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	11	2.17
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	8	2.17
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	8	2.17
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	15	2.17
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	15	2.17
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	3	2.17
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	3	2.17
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	19	2.17
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	19	2.17
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	20	2.17
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	20	2.17
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	17	2.17
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	17	2.17
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	17	2.17
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	17	2.17
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	17	2.17
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	17	2.17
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	2	2.17
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	2	2.17
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	2	2.17
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	2	2.17
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	2	2.17
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	2	2.17
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	10	2.17
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	10	2.17
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	10	2.17
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	10	2.17
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	10	2.17
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	10	2.17
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	18	2.17
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	18	2.17
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD11	5	2.17
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD12	5	2.17
(1,2352)	1:850:A:PHE:HE1	1:854:A:ILE:HD13	5	2.17
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD11	5	2.17
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD12	5	2.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2352)	1:850:A:PHE:HE2	1:854:A:ILE:HD13	5	2.17
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	18	2.17
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	18	2.17
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	18	2.17
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	18	2.17
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	18	2.17
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	18	2.17
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	10	2.17
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	10	2.17
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	10	2.17
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	10	2.17
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	10	2.17
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	10	2.17
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	4	2.17
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	4	2.17
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	4	2.17
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	4	2.17
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	4	2.17
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	4	2.17
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	19	2.17
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	19	2.17
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	19	2.17
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	19	2.17
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	19	2.17
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	19	2.17
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	6	2.17
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	6	2.17
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	6	2.17
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	6	2.17
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	6	2.17
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	6	2.17
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	7	2.17
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	7	2.17
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	7	2.17
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	7	2.17
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	7	2.17
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	7	2.17
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	18	2.17
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	18	2.17
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	5	2.17
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	5	2.17
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	9	2.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	9	2.17
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	6	2.17
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	9	2.17
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	3	2.17
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	3	2.17
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	3	2.17
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	11	2.17
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	11	2.17
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	11	2.17
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	16	2.17
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	16	2.17
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	16	2.17
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	9	2.17
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	9	2.17
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	15	2.17
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	15	2.17
(1,1475)	1:859:A:ASN:H	1:862:A:ILE:HG12	10	2.17
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	9	2.17
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	9	2.17
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	9	2.17
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	16	2.17
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	16	2.17
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	16	2.17
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	18	2.17
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	18	2.17
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	18	2.17
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	4	2.17
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	4	2.17
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	4	2.17
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	14	2.17
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	14	2.17
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	14	2.17
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	14	2.17
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	14	2.17
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	14	2.17
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	14	2.17
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	14	2.17
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	14	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	1	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	1	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	1	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	2	2.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	2	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	2	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	5	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	5	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	5	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	8	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	8	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	8	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	10	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	10	2.17
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	10	2.17
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	6	2.17
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	6	2.17
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	6	2.17
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	6	2.17
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	6	2.17
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	6	2.17
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	7	2.17
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	7	2.17
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	7	2.17
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	7	2.17
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	7	2.17
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	7	2.17
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	4	2.17
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	4	2.17
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	4	2.17
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	7	2.17
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	7	2.17
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	7	2.17
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	16	2.17
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	16	2.17
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	16	2.17
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	5	2.17
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	5	2.17
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	5	2.17
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	5	2.17
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	6	2.17
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	6	2.17
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	6	2.17
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	3	2.17
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	3	2.17
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	3	2.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	3	2.17
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	3	2.17
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	3	2.17
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	20	2.17
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	20	2.17
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	20	2.17
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	16	2.17
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	16	2.17
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	16	2.17
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	16	2.17
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	16	2.17
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	16	2.17
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	16	2.17
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	16	2.17
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	16	2.17
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	7	2.17
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	7	2.17
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	7	2.17
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	7	2.17
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	7	2.17
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	7	2.17
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	7	2.17
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	7	2.17
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	7	2.17
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	12	2.17
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	12	2.17
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	12	2.17
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	12	2.17
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	12	2.17
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	12	2.17
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	12	2.17
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	12	2.17
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	12	2.17
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	18	2.17
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	18	2.17
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	18	2.17
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	18	2.17
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	18	2.17
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	18	2.17
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	18	2.17
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	18	2.17
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	18	2.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	16	2.17
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	16	2.17
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	16	2.17
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	20	2.17
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	20	2.17
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	20	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	9	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	9	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	9	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	9	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	9	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	9	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	9	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	9	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	9	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	13	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	13	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	13	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	13	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	13	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	13	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	13	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	13	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	13	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	14	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	14	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	14	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	14	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	14	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	14	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	14	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	14	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	14	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	20	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	20	2.17
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	20	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	20	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	20	2.17
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	20	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	20	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	20	2.17
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	20	2.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	2	2.17
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	2	2.17
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	2	2.17
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	8	2.17
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	8	2.17
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	8	2.17
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	4	2.17
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	4	2.17
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	4	2.17
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	4	2.17
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	4	2.17
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	4	2.17
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	17	2.17
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	17	2.17
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	17	2.17
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	17	2.17
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	17	2.17
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	17	2.17
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	9	2.17
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	9	2.17
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	9	2.17
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	19	2.17
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	19	2.17
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	19	2.17
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	4	2.17
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	4	2.17
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	4	2.17
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	4	2.17
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	4	2.17
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	4	2.17
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	7	2.17
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	7	2.17
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	7	2.17
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	7	2.17
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	7	2.17
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	7	2.17
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	7	2.17
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	7	2.17
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	7	2.17
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	11	2.17
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	11	2.17
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	11	2.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	11	2.17
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	11	2.17
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	11	2.17
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	11	2.17
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	11	2.17
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	11	2.17
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	16	2.17
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	16	2.17
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	16	2.17
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	16	2.17
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	16	2.17
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	16	2.17
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	16	2.17
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	16	2.17
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	16	2.17
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	14	2.17
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	5	2.17
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	5	2.17
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	5	2.17
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	5	2.17
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	5	2.17
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	5	2.17
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	5	2.17
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	5	2.17
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	5	2.17
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	13	2.17
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	12	2.17
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	12	2.17
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	12	2.17
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	15	2.17
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	15	2.17
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	15	2.17
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	20	2.17
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	20	2.17
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	20	2.17
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	20	2.17
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	20	2.17
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	20	2.17
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	20	2.17
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	20	2.17
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	20	2.17
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	19	2.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	19	2.17
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	19	2.17
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	19	2.17
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	19	2.17
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	19	2.17
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	19	2.17
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	19	2.17
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	19	2.17
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	10	2.16
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	10	2.16
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	4	2.16
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	4	2.16
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	4	2.16
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	4	2.16
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	4	2.16
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	4	2.16
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	11	2.16
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	11	2.16
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	11	2.16
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	11	2.16
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	11	2.16
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	11	2.16
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	16	2.16
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	16	2.16
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	20	2.16
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	20	2.16
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE1	20	2.16
(1,3286)	1:877:A:SER:HB2	1:924:A:TYR:HE2	20	2.16
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE1	20	2.16
(1,3286)	1:877:A:SER:HB3	1:924:A:TYR:HE2	20	2.16
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	2	2.16
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	2	2.16
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	2	2.16
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	2	2.16
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	2	2.16
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	2	2.16
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	2	2.16
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	2	2.16
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	10	2.16
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	10	2.16
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	8	2.16
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	8	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	16	2.16
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	16	2.16
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	10	2.16
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	10	2.16
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	2	2.16
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	2	2.16
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	7	2.16
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	7	2.16
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	7	2.16
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	7	2.16
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	14	2.16
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	14	2.16
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	14	2.16
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	14	2.16
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	14	2.16
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	14	2.16
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	9	2.16
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	9	2.16
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	12	2.16
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	12	2.16
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	12	2.16
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	8	2.16
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	8	2.16
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	8	2.16
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	5	2.16
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	5	2.16
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	5	2.16
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	5	2.16
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	5	2.16
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	5	2.16
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	14	2.16
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	14	2.16
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	14	2.16
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	14	2.16
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	14	2.16
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	14	2.16
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	20	2.16
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	20	2.16
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	20	2.16
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	2	2.16
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	2	2.16
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	2	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	6	2.16
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	6	2.16
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	6	2.16
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	8	2.16
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	8	2.16
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	8	2.16
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	20	2.16
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	20	2.16
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	20	2.16
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	1	2.16
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	1	2.16
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	1	2.16
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	5	2.16
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	5	2.16
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	5	2.16
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	6	2.16
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	6	2.16
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	6	2.16
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	13	2.16
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	13	2.16
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	13	2.16
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	13	2.16
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	13	2.16
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	13	2.16
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	13	2.16
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	13	2.16
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	13	2.16
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	15	2.16
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	15	2.16
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	15	2.16
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	1	2.16
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	1	2.16
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	1	2.16
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	1	2.16
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	1	2.16
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	1	2.16
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	1	2.16
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	1	2.16
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	1	2.16
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD11	13	2.16
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD12	13	2.16
(1,2803)	1:816:A:LEU:HD21	1:828:A:LEU:HD13	13	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD11	13	2.16
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD12	13	2.16
(1,2803)	1:816:A:LEU:HD22	1:828:A:LEU:HD13	13	2.16
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD11	13	2.16
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD12	13	2.16
(1,2803)	1:816:A:LEU:HD23	1:828:A:LEU:HD13	13	2.16
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	13	2.16
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	13	2.16
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	13	2.16
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	10	2.16
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	10	2.16
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	10	2.16
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	10	2.16
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	10	2.16
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	10	2.16
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	15	2.16
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	15	2.16
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	15	2.16
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	15	2.16
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	18	2.16
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	18	2.16
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	18	2.16
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	18	2.16
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	18	2.16
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	18	2.16
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	19	2.16
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	19	2.16
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	19	2.16
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	20	2.16
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	20	2.16
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	20	2.16
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	11	2.16
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	11	2.16
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	11	2.16
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	4	2.16
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	4	2.16
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	4	2.16
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	2	2.16
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	2	2.16
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	10	2.16
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	10	2.16
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	14	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	14	2.16
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	4	2.16
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	17	2.16
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	7	2.16
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	7	2.16
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	11	2.16
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	11	2.16
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	4	2.16
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	4	2.16
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	4	2.16
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	4	2.16
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	4	2.16
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	4	2.16
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	6	2.16
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	6	2.16
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	6	2.16
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	6	2.16
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	6	2.16
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	6	2.16
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	19	2.16
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	19	2.16
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	19	2.16
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	19	2.16
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	19	2.16
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	19	2.16
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	16	2.16
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	16	2.16
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	16	2.16
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	16	2.16
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	16	2.16
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	16	2.16
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	8	2.16
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	8	2.16
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	8	2.16
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	8	2.16
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	8	2.16
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	8	2.16
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	14	2.16
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	14	2.16
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	14	2.16
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	14	2.16
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	14	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	14	2.16
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	11	2.16
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	11	2.16
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	11	2.16
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	11	2.16
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	11	2.16
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	11	2.16
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	9	2.16
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	9	2.16
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	9	2.16
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	9	2.16
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	9	2.16
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	9	2.16
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	14	2.16
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	14	2.16
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	2	2.16
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	2	2.16
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	2	2.16
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	2	2.16
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	2	2.16
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	2	2.16
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	8	2.16
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	8	2.16
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	8	2.16
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	8	2.16
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	8	2.16
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	8	2.16
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	19	2.16
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	19	2.16
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	4	2.16
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	4	2.16
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	9	2.16
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	2	2.16
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	2	2.16
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	2	2.16
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	19	2.16
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	19	2.16
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	19	2.16
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	5	2.16
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	5	2.16
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	5	2.16
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	1	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	1	2.16
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	1	2.16
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	16	2.16
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	16	2.16
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	9	2.16
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	20	2.16
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	20	2.16
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	4	2.16
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	4	2.16
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	4	2.16
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	2	2.16
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	2	2.16
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	20	2.16
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	20	2.16
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	7	2.16
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	7	2.16
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	7	2.16
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	10	2.16
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	10	2.16
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	10	2.16
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	15	2.16
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	6	2.16
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	6	2.16
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	6	2.16
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	19	2.16
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	19	2.16
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	19	2.16
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	7	2.16
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	7	2.16
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	7	2.16
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	15	2.16
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	15	2.16
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	15	2.16
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	10	2.16
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	10	2.16
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	10	2.16
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD21	11	2.16
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD22	11	2.16
(1,849)	1:869:A:VAL:HB	1:904:A:LEU:HD23	11	2.16
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	12	2.16
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	12	2.16
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	12	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	2	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	2	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	2	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	2	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	2	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	2	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	8	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	8	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	8	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	8	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	8	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	8	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	14	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	14	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	14	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	14	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	14	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	14	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	17	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	17	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	17	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	17	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	17	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	17	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	18	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	18	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	18	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	18	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	18	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	18	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	20	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	20	2.16
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	20	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	20	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	20	2.16
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	20	2.16
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD11	6	2.16
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD12	6	2.16
(1,825)	1:904:A:LEU:HB3	1:904:A:LEU:HD13	6	2.16
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	7	2.16
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	7	2.16
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	7	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	7	2.16
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	7	2.16
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	7	2.16
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	2	2.16
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	2	2.16
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	2	2.16
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	19	2.16
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	19	2.16
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	19	2.16
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	5	2.16
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	5	2.16
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	5	2.16
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	5	2.16
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	5	2.16
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	5	2.16
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	5	2.16
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	5	2.16
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	5	2.16
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	5	2.16
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	5	2.16
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	5	2.16
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	9	2.16
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	9	2.16
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	9	2.16
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	1	2.16
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	1	2.16
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	1	2.16
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	3	2.16
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	3	2.16
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	3	2.16
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	3	2.16
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	3	2.16
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	3	2.16
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	9	2.16
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	9	2.16
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	9	2.16
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	9	2.16
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	9	2.16
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	9	2.16
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	11	2.16
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	11	2.16
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	11	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	19	2.16
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	19	2.16
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	19	2.16
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	19	2.16
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	19	2.16
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	19	2.16
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	19	2.16
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	19	2.16
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	19	2.16
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	12	2.16
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	12	2.16
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	12	2.16
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	12	2.16
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	12	2.16
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	12	2.16
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	12	2.16
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	12	2.16
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	12	2.16
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	13	2.16
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	13	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	1	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	1	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	1	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	1	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	1	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	1	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	1	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	1	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	1	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	3	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	3	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	3	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	3	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	3	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	3	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	3	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	3	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	3	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	7	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	7	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	7	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	7	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	7	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	7	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	7	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	7	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	7	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	8	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	8	2.16
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	8	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	8	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	8	2.16
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	8	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	8	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	8	2.16
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	8	2.16
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	16	2.16
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	16	2.16
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	16	2.16
(1,328)	1:854:A:ILE:HG21	1:855:A:GLN:HG3	15	2.16
(1,328)	1:854:A:ILE:HG22	1:855:A:GLN:HG3	15	2.16
(1,328)	1:854:A:ILE:HG23	1:855:A:GLN:HG3	15	2.16
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	12	2.16
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	12	2.16
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	12	2.16
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	12	2.16
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	12	2.16
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	12	2.16
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	12	2.16
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	12	2.16
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	12	2.16
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	11	2.16
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	11	2.16
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	16	2.16
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	16	2.16
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	16	2.16
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	20	2.16
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	20	2.16
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	20	2.16
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	20	2.16
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	20	2.16
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	20	2.16
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	17	2.16
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	17	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	17	2.16
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	17	2.16
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	17	2.16
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	17	2.16
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	17	2.16
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	17	2.16
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	17	2.16
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	8	2.16
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	8	2.16
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	8	2.16
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	8	2.16
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	8	2.16
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	8	2.16
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	17	2.16
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	17	2.16
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	17	2.16
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	17	2.16
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	17	2.16
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	17	2.16
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	3	2.16
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	3	2.16
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	3	2.16
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	3	2.16
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	3	2.16
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	3	2.16
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	14	2.16
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	14	2.16
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	14	2.16
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	14	2.16
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	14	2.16
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	14	2.16
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	14	2.16
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	14	2.16
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	14	2.16
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	1	2.16
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	1	2.16
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	1	2.16
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	17	2.16
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	17	2.16
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	1	2.16
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	1	2.16
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	1	2.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	1	2.16
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	1	2.16
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	1	2.16
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	1	2.16
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	1	2.16
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	1	2.16
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	2	2.16
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	2	2.16
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	2	2.16
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	1	2.16
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	1	2.16
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	1	2.16
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	1	2.16
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	1	2.16
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	1	2.16
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	1	2.16
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	1	2.16
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	1	2.16
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	9	2.15
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	9	2.15
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	9	2.15
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	9	2.15
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	5	2.15
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	5	2.15
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	5	2.15
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	5	2.15
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	5	2.15
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	5	2.15
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	7	2.15
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	7	2.15
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	7	2.15
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	7	2.15
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	7	2.15
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	7	2.15
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	13	2.15
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	13	2.15
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	13	2.15
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	13	2.15
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	13	2.15
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	13	2.15
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	18	2.15
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	18	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	18	2.15
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	18	2.15
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	18	2.15
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	18	2.15
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	7	2.15
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	7	2.15
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	8	2.15
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	8	2.15
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	14	2.15
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	14	2.15
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	18	2.15
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	18	2.15
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	11	2.15
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	11	2.15
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	3	2.15
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	3	2.15
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	3	2.15
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	3	2.15
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	3	2.15
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	3	2.15
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	15	2.15
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	15	2.15
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	15	2.15
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	15	2.15
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	15	2.15
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	15	2.15
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	6	2.15
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	6	2.15
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE3	13	2.15
(1,3121)	1:835:A:LYS:HB2	1:835:A:LYS:HE2	13	2.15
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE3	13	2.15
(1,3121)	1:835:A:LYS:HB3	1:835:A:LYS:HE2	13	2.15
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	1	2.15
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	1	2.15
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	1	2.15
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	1	2.15
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	1	2.15
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	1	2.15
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	15	2.15
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	15	2.15
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	17	2.15
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	17	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	18	2.15
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	18	2.15
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	10	2.15
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	10	2.15
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	10	2.15
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	10	2.15
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	2	2.15
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	2	2.15
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	2	2.15
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	2	2.15
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	2	2.15
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	2	2.15
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	7	2.15
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	7	2.15
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD11	12	2.15
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD12	12	2.15
(1,2992)	1:813:A:ILE:H	1:828:A:LEU:HD13	12	2.15
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	7	2.15
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	7	2.15
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	7	2.15
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	12	2.15
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD11	10	2.15
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD12	10	2.15
(1,2905)	1:825:A:CYS:HA	1:828:A:LEU:HD13	10	2.15
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	18	2.15
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	18	2.15
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	18	2.15
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	18	2.15
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	18	2.15
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	18	2.15
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	4	2.15
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	4	2.15
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	4	2.15
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	6	2.15
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	6	2.15
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	6	2.15
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	6	2.15
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	6	2.15
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	6	2.15
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	10	2.15
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	10	2.15
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	10	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	20	2.15
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	20	2.15
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	20	2.15
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	6	2.15
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	6	2.15
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	6	2.15
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	12	2.15
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	12	2.15
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	12	2.15
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	15	2.15
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	15	2.15
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	15	2.15
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	15	2.15
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	15	2.15
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	15	2.15
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	13	2.15
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	13	2.15
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	13	2.15
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	20	2.15
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	20	2.15
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	20	2.15
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	9	2.15
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	9	2.15
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	9	2.15
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	8	2.15
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	11	2.15
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	15	2.15
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	1	2.15
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	1	2.15
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	1	2.15
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	1	2.15
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	1	2.15
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	1	2.15
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	4	2.15
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	4	2.15
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	4	2.15
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	4	2.15
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	4	2.15
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	4	2.15
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	11	2.15
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	11	2.15
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	11	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	11	2.15
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	11	2.15
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	11	2.15
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	12	2.15
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	12	2.15
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	12	2.15
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	12	2.15
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	12	2.15
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	12	2.15
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	11	2.15
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	11	2.15
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	11	2.15
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	11	2.15
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	13	2.15
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	13	2.15
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	13	2.15
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	13	2.15
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	13	2.15
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	20	2.15
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	20	2.15
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	20	2.15
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	20	2.15
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	9	2.15
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	9	2.15
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	9	2.15
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	9	2.15
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	9	2.15
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	9	2.15
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	11	2.15
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	11	2.15
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	11	2.15
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	18	2.15
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	18	2.15
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	1	2.15
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	1	2.15
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	7	2.15
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	7	2.15
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	16	2.15
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	16	2.15
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	5	2.15
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	9	2.15
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	9	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	13	2.15
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	13	2.15
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	8	2.15
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	8	2.15
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	18	2.15
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	18	2.15
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	18	2.15
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	18	2.15
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	18	2.15
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	18	2.15
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	18	2.15
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	18	2.15
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	18	2.15
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	18	2.15
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	18	2.15
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	18	2.15
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	2	2.15
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	2	2.15
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	2	2.15
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	2	2.15
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	2	2.15
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	2	2.15
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	3	2.15
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	3	2.15
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	3	2.15
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	3	2.15
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	3	2.15
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	3	2.15
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	5	2.15
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	5	2.15
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	5	2.15
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	5	2.15
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	5	2.15
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	5	2.15
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	14	2.15
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	14	2.15
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	14	2.15
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	14	2.15
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	14	2.15
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	14	2.15
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	7	2.15
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	7	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	7	2.15
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	7	2.15
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	7	2.15
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	7	2.15
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	14	2.15
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	14	2.15
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	14	2.15
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	14	2.15
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	14	2.15
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	14	2.15
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	9	2.15
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	9	2.15
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	9	2.15
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	9	2.15
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	9	2.15
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	9	2.15
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	19	2.15
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	19	2.15
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	19	2.15
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	19	2.15
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	19	2.15
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	19	2.15
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	10	2.15
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	10	2.15
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	10	2.15
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	10	2.15
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	10	2.15
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	10	2.15
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	19	2.15
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	19	2.15
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	19	2.15
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	10	2.15
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	10	2.15
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	10	2.15
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	10	2.15
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	10	2.15
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	10	2.15
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	17	2.15
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	17	2.15
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	17	2.15
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	17	2.15
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	17	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	17	2.15
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	6	2.15
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	6	2.15
(1,2109)	1:917:A:ILE:HG21	1:918:A:GLN:HE21	17	2.15
(1,2109)	1:917:A:ILE:HG22	1:918:A:GLN:HE21	17	2.15
(1,2109)	1:917:A:ILE:HG23	1:918:A:GLN:HE21	17	2.15
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	14	2.15
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	14	2.15
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	14	2.15
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	4	2.15
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	4	2.15
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	4	2.15
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	6	2.15
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	6	2.15
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	6	2.15
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	8	2.15
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	8	2.15
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	8	2.15
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	5	2.15
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	5	2.15
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	5	2.15
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	18	2.15
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	11	2.15
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	8	2.15
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	8	2.15
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	8	2.15
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	20	2.15
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	20	2.15
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	20	2.15
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	10	2.15
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	10	2.15
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	10	2.15
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	11	2.15
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	11	2.15
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	11	2.15
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	17	2.15
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	17	2.15
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	17	2.15
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD11	12	2.15
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD12	12	2.15
(1,860)	1:897:A:ILE:HB	1:926:A:LEU:HD13	12	2.15
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD21	8	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD22	8	2.15
(1,845)	1:869:A:VAL:HG11	1:904:A:LEU:HD23	8	2.15
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD21	8	2.15
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD22	8	2.15
(1,845)	1:869:A:VAL:HG12	1:904:A:LEU:HD23	8	2.15
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD21	8	2.15
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD22	8	2.15
(1,845)	1:869:A:VAL:HG13	1:904:A:LEU:HD23	8	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	3	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	3	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	3	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	3	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	3	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	3	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	4	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	4	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	4	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	4	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	4	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	4	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	9	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	9	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	9	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	9	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	9	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	9	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	10	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	10	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	10	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	10	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	10	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	10	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	13	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	13	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	13	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	13	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	13	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	13	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	16	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	16	2.15
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	16	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	16	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	16	2.15
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	16	2.15
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	17	2.15
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	17	2.15
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	17	2.15
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	4	2.15
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	4	2.15
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	4	2.15
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	20	2.15
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	20	2.15
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	20	2.15
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	6	2.15
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	8	2.15
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	7	2.15
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	7	2.15
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	7	2.15
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	7	2.15
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	7	2.15
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	7	2.15
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	12	2.15
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	12	2.15
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	12	2.15
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	12	2.15
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	12	2.15
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	12	2.15
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	12	2.15
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	12	2.15
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	12	2.15
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	14	2.15
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	14	2.15
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	14	2.15
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	14	2.15
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	14	2.15
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	14	2.15
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	14	2.15
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	14	2.15
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	14	2.15
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	7	2.15
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	7	2.15
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	7	2.15
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	7	2.15
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	7	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	7	2.15
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	1	2.15
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	1	2.15
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	1	2.15
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	15	2.15
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	15	2.15
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	15	2.15
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	8	2.15
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	8	2.15
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	8	2.15
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	8	2.15
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	16	2.15
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	16	2.15
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	16	2.15
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	12	2.15
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	12	2.15
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	12	2.15
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	3	2.15
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	3	2.15
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	3	2.15
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	7	2.15
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	7	2.15
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	7	2.15
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	7	2.15
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	7	2.15
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	7	2.15
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	7	2.15
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	7	2.15
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	7	2.15
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	15	2.15
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	15	2.15
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	15	2.15
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	15	2.15
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	15	2.15
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	15	2.15
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	15	2.15
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	15	2.15
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	15	2.15
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	5	2.15
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	5	2.15
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	5	2.15
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	5	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	5	2.15
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	5	2.15
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	5	2.15
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	5	2.15
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	5	2.15
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	7	2.15
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	7	2.15
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	7	2.15
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	7	2.15
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	7	2.15
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	7	2.15
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	7	2.15
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	7	2.15
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	7	2.15
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	12	2.15
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	12	2.15
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	12	2.15
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	12	2.15
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	12	2.15
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	12	2.15
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	12	2.15
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	12	2.15
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	12	2.15
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	3	2.15
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	3	2.15
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	3	2.15
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	3	2.15
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	3	2.15
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	3	2.15
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	3	2.15
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	3	2.15
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	3	2.15
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	18	2.15
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	18	2.15
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	18	2.15
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	18	2.15
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	18	2.15
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	18	2.15
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	18	2.15
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	18	2.15
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	18	2.15
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	10	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	10	2.15
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	10	2.15
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	10	2.15
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	10	2.15
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	10	2.15
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	10	2.15
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	10	2.15
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	10	2.15
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	7	2.15
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	7	2.15
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	7	2.15
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	6	2.15
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	6	2.15
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	8	2.15
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	8	2.15
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	8	2.15
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	15	2.15
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	15	2.15
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	15	2.15
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	15	2.15
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	15	2.15
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	15	2.15
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	15	2.15
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	15	2.15
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	15	2.15
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	15	2.15
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	15	2.15
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	15	2.15
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	14	2.15
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	14	2.15
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	14	2.15
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	14	2.15
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	14	2.15
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	14	2.15
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	14	2.15
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	14	2.15
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	14	2.15
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	7	2.15
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	7	2.15
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	7	2.15
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	7	2.15
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	7	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	7	2.15
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	5	2.15
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	5	2.15
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	5	2.15
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	5	2.15
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	5	2.15
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	5	2.15
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	1	2.15
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	1	2.15
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	1	2.15
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	5	2.15
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	5	2.15
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	5	2.15
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	5	2.15
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	5	2.15
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	5	2.15
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	18	2.15
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	4	2.15
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	4	2.15
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	4	2.15
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	4	2.15
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	4	2.15
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	4	2.15
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	20	2.15
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	20	2.15
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	20	2.15
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	20	2.15
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	20	2.15
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	20	2.15
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	9	2.15
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	8	2.15
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	8	2.15
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	8	2.15
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	3	2.15
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	3	2.15
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	3	2.15
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	3	2.15
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	3	2.15
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	3	2.15
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	3	2.15
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	3	2.15
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	3	2.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	17	2.15
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	17	2.15
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	17	2.15
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	17	2.15
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	17	2.15
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	17	2.15
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	17	2.15
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	17	2.15
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	17	2.15
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	8	2.15
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	19	2.15
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	19	2.15
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	19	2.15
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	19	2.15
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	19	2.15
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	19	2.15
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	2	2.15
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	2	2.15
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	2	2.15
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	2	2.15
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	2	2.15
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	2	2.15
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	2	2.15
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	2	2.15
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	2	2.15
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	2	2.15
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	2	2.15
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	2	2.15
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	13	2.15
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	13	2.15
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	13	2.15
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	10	2.14
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	10	2.14
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	10	2.14
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	10	2.14
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	10	2.14
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	10	2.14
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	17	2.14
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	17	2.14
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	17	2.14
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	17	2.14
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	18	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	18	2.14
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	18	2.14
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	18	2.14
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	3	2.14
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	3	2.14
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	3	2.14
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	3	2.14
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	3	2.14
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	3	2.14
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	12	2.14
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	12	2.14
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	19	2.14
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	19	2.14
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	5	2.14
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	5	2.14
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	5	2.14
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	5	2.14
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	5	2.14
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	5	2.14
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	2	2.14
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	2	2.14
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	2	2.14
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	2	2.14
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	2	2.14
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	2	2.14
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	5	2.14
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	5	2.14
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	5	2.14
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	5	2.14
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	5	2.14
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	5	2.14
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	10	2.14
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	10	2.14
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	10	2.14
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	10	2.14
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	10	2.14
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	10	2.14
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	14	2.14
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	14	2.14
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	18	2.14
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	18	2.14
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	4	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	4	2.14
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	4	2.14
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	4	2.14
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	4	2.14
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	4	2.14
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	16	2.14
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	16	2.14
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	16	2.14
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	16	2.14
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	16	2.14
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	16	2.14
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	16	2.14
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	16	2.14
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	10	2.14
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	10	2.14
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	8	2.14
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	8	2.14
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	11	2.14
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	11	2.14
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	10	2.14
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	10	2.14
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	3	2.14
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	3	2.14
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	10	2.14
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	10	2.14
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	6	2.14
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	6	2.14
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	6	2.14
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	8	2.14
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	8	2.14
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	8	2.14
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	16	2.14
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	16	2.14
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	16	2.14
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	11	2.14
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	11	2.14
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	11	2.14
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	7	2.14
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	7	2.14
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	7	2.14
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	7	2.14
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	7	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	7	2.14
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	4	2.14
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	4	2.14
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	4	2.14
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	13	2.14
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	13	2.14
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	13	2.14
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	16	2.14
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	16	2.14
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	16	2.14
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	4	2.14
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	4	2.14
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	4	2.14
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	6	2.14
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	6	2.14
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	6	2.14
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	14	2.14
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	14	2.14
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	14	2.14
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	9	2.14
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	9	2.14
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	9	2.14
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	17	2.14
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	17	2.14
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	17	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	2	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	2	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	2	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	2	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	2	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	2	2.14
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	2	2.14
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	2	2.14
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	2	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	9	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	9	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	9	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	9	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	9	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	9	2.14
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	9	2.14
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	9	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	9	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	16	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	16	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	16	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	16	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	16	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	16	2.14
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	16	2.14
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	16	2.14
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	16	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	19	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	19	2.14
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	19	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	19	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	19	2.14
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	19	2.14
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	19	2.14
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	19	2.14
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	19	2.14
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	8	2.14
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	8	2.14
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	8	2.14
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	8	2.14
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	8	2.14
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	8	2.14
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	6	2.14
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	6	2.14
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	6	2.14
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	2	2.14
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	2	2.14
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	2	2.14
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	12	2.14
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	12	2.14
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	12	2.14
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	17	2.14
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	17	2.14
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	17	2.14
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	6	2.14
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	6	2.14
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	6	2.14
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	13	2.14
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	13	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	13	2.14
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	14	2.14
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	14	2.14
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	14	2.14
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	8	2.14
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	9	2.14
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	9	2.14
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	9	2.14
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	11	2.14
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	11	2.14
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	11	2.14
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	11	2.14
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	11	2.14
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	11	2.14
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	15	2.14
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	15	2.14
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	15	2.14
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	20	2.14
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	20	2.14
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	20	2.14
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	1	2.14
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	1	2.14
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	5	2.14
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	5	2.14
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	2	2.14
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	2	2.14
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	6	2.14
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	6	2.14
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	17	2.14
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	17	2.14
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	7	2.14
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	3	2.14
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	3	2.14
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	3	2.14
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	3	2.14
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	3	2.14
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	3	2.14
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	6	2.14
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	6	2.14
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	6	2.14
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	10	2.14
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	10	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	10	2.14
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	18	2.14
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	18	2.14
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	18	2.14
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	4	2.14
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	4	2.14
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	9	2.14
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	9	2.14
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	15	2.14
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	15	2.14
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	19	2.14
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	19	2.14
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	19	2.14
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	19	2.14
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	19	2.14
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	19	2.14
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	13	2.14
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	13	2.14
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	1	2.14
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	2	2.14
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	2	2.14
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	11	2.14
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	13	2.14
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	6	2.14
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	6	2.14
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	6	2.14
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	18	2.14
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	18	2.14
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	18	2.14
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	20	2.14
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	20	2.14
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	20	2.14
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	12	2.14
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	12	2.14
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	12	2.14
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	6	2.14
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	6	2.14
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	10	2.14
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	10	2.14
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	5	2.14
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	5	2.14
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	5	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	6	2.14
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	6	2.14
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	6	2.14
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	16	2.14
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	4	2.14
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	4	2.14
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	4	2.14
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	5	2.14
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	5	2.14
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	5	2.14
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	19	2.14
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	19	2.14
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	19	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	1	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	1	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	1	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	1	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	1	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	1	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	5	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	5	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	5	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	5	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	5	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	5	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	11	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	11	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	11	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	11	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	11	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	11	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	12	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	12	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	12	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	12	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	12	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	12	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	15	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	15	2.14
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	15	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	15	2.14
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	15	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	15	2.14
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	2	2.14
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	2	2.14
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	2	2.14
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	18	2.14
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	18	2.14
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	18	2.14
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	6	2.14
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	6	2.14
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	6	2.14
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	18	2.14
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	18	2.14
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	18	2.14
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	18	2.14
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	18	2.14
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	18	2.14
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	18	2.14
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	18	2.14
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	18	2.14
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	10	2.14
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	10	2.14
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	10	2.14
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	18	2.14
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	18	2.14
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	18	2.14
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	8	2.14
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	8	2.14
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	8	2.14
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	7	2.14
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	7	2.14
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	7	2.14
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	4	2.14
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	4	2.14
(1,534)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	4	2.14
(1,534)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	4	2.14
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	17	2.14
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	17	2.14
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	17	2.14
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	13	2.14
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	13	2.14
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	13	2.14
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	13	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	13	2.14
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	13	2.14
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	13	2.14
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	13	2.14
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	13	2.14
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	2	2.14
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	2	2.14
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	2	2.14
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	2	2.14
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	2	2.14
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	2	2.14
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	2	2.14
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	2	2.14
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	2	2.14
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	6	2.14
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	6	2.14
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	6	2.14
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	6	2.14
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	6	2.14
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	6	2.14
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	6	2.14
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	6	2.14
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	6	2.14
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	3	2.14
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	3	2.14
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	14	2.14
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	14	2.14
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	5	2.14
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	5	2.14
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	5	2.14
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	13	2.14
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	13	2.14
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	13	2.14
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	16	2.14
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	5	2.14
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	5	2.14
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	5	2.14
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	5	2.14
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	5	2.14
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	5	2.14
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	6	2.14
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	6	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	6	2.14
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	6	2.14
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	6	2.14
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	6	2.14
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	13	2.14
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	13	2.14
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	13	2.14
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	13	2.14
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	13	2.14
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	13	2.14
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	8	2.14
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	8	2.14
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	8	2.14
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	16	2.14
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	16	2.14
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	16	2.14
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	16	2.14
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	16	2.14
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	16	2.14
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	16	2.14
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	16	2.14
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	16	2.14
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	15	2.14
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	15	2.14
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	15	2.14
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	15	2.14
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	15	2.14
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	15	2.14
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	15	2.14
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	15	2.14
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	15	2.14
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	17	2.14
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	11	2.14
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	11	2.14
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	11	2.14
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	18	2.14
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	18	2.14
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	18	2.14
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	20	2.14
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	20	2.14
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	20	2.14
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	1	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	1	2.13
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	1	2.13
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	1	2.13
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	6	2.13
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	6	2.13
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	6	2.13
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	6	2.13
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	6	2.13
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	6	2.13
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	14	2.13
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	14	2.13
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	14	2.13
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	14	2.13
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	14	2.13
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	14	2.13
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	19	2.13
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	19	2.13
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	11	2.13
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	11	2.13
(1,3287)	1:877:A:SER:HB2	1:924:A:TYR:HH	15	2.13
(1,3287)	1:877:A:SER:HB3	1:924:A:TYR:HH	15	2.13
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	16	2.13
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	16	2.13
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	16	2.13
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	16	2.13
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	19	2.13
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	19	2.13
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	9	2.13
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	9	2.13
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	9	2.13
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	9	2.13
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	9	2.13
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	9	2.13
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	10	2.13
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	10	2.13
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	10	2.13
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	10	2.13
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	10	2.13
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	10	2.13
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	6	2.13
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	6	2.13
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	6	2.13
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	6	2.13
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	6	2.13
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	9	2.13
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	9	2.13
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	2	2.13
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	2	2.13
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	4	2.13
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	4	2.13
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	14	2.13
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	14	2.13
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	3	2.13
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	3	2.13
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	5	2.13
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	5	2.13
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	14	2.13
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	14	2.13
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	14	2.13
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	14	2.13
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	11	2.13
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	11	2.13
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	11	2.13
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	13	2.13
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	13	2.13
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	13	2.13
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	13	2.13
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	14	2.13
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	14	2.13
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	14	2.13
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	14	2.13
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	14	2.13
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	14	2.13
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	6	2.13
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	6	2.13
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	6	2.13
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	6	2.13
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	6	2.13
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	6	2.13
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	8	2.13
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	8	2.13
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	8	2.13
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	17	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	17	2.13
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	17	2.13
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	4	2.13
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	4	2.13
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	4	2.13
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	6	2.13
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	6	2.13
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	6	2.13
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	8	2.13
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	8	2.13
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	8	2.13
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	2	2.13
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	2	2.13
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	2	2.13
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	9	2.13
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	9	2.13
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	9	2.13
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	15	2.13
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	15	2.13
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	15	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	6	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	6	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	6	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	8	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	8	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	8	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	9	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	9	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	9	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	13	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	13	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	13	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	16	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	16	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	16	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	20	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	20	2.13
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	20	2.13
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	4	2.13
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	4	2.13
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	4	2.13
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	6	2.13
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	6	2.13
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	16	2.13
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	13	2.13
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	13	2.13
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	13	2.13
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	13	2.13
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	13	2.13
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	13	2.13
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	20	2.13
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	20	2.13
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	20	2.13
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	20	2.13
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	20	2.13
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	12	2.13
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	12	2.13
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	18	2.13
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	18	2.13
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	5	2.13
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	5	2.13
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	8	2.13
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	1	2.13
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	1	2.13
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	5	2.13
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	5	2.13
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	14	2.13
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	14	2.13
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	16	2.13
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	16	2.13
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	13	2.13
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	13	2.13
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	13	2.13
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	13	2.13
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	13	2.13
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	13	2.13
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	7	2.13
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	7	2.13
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	7	2.13
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	7	2.13
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	7	2.13
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	7	2.13
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	19	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	19	2.13
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	19	2.13
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	19	2.13
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	19	2.13
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	19	2.13
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD12	7	2.13
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD13	7	2.13
(1,2318)	1:882:A:PHE:HD1	1:886:A:LEU:HD11	7	2.13
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD12	7	2.13
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD13	7	2.13
(1,2318)	1:882:A:PHE:HD2	1:886:A:LEU:HD11	7	2.13
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	9	2.13
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	9	2.13
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	9	2.13
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	9	2.13
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	9	2.13
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	9	2.13
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	8	2.13
(1,2164)	1:921:A:LYS:HG3	1:922:A:ARG:H	15	2.13
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	14	2.13
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	14	2.13
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	1	2.13
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	1	2.13
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	1	2.13
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	10	2.13
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	10	2.13
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	10	2.13
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	14	2.13
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	14	2.13
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	14	2.13
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	16	2.13
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	16	2.13
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	16	2.13
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	1	2.13
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	3	2.13
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	5	2.13
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	19	2.13
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	20	2.13
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	5	2.13
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	5	2.13
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	9	2.13
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	12	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	8	2.13
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	8	2.13
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	8	2.13
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	1	2.13
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	1	2.13
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	1	2.13
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	12	2.13
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	12	2.13
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	12	2.13
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	5	2.13
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	5	2.13
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	5	2.13
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG11	4	2.13
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG12	4	2.13
(1,866)	1:857:A:LEU:HD21	1:869:A:VAL:HG13	4	2.13
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG11	4	2.13
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG12	4	2.13
(1,866)	1:857:A:LEU:HD22	1:869:A:VAL:HG13	4	2.13
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG11	4	2.13
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG12	4	2.13
(1,866)	1:857:A:LEU:HD23	1:869:A:VAL:HG13	4	2.13
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	19	2.13
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	19	2.13
(1,839)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	19	2.13
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	19	2.13
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	19	2.13
(1,839)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	19	2.13
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	18	2.13
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	18	2.13
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	18	2.13
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	20	2.13
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	20	2.13
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	20	2.13
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	11	2.13
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	11	2.13
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	11	2.13
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	11	2.13
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	13	2.13
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	13	2.13
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	13	2.13
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	17	2.13
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	17	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	17	2.13
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	17	2.13
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	17	2.13
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	20	2.13
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	20	2.13
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	20	2.13
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	2	2.13
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	2	2.13
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	2	2.13
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	2	2.13
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	2	2.13
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	2	2.13
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	2	2.13
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	2	2.13
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	2	2.13
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	15	2.13
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	15	2.13
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	15	2.13
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	15	2.13
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	15	2.13
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	15	2.13
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	15	2.13
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	15	2.13
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	15	2.13
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	5	2.13
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	5	2.13
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	5	2.13
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	5	2.13
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	5	2.13
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	5	2.13
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	12	2.13
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	12	2.13
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	12	2.13
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	16	2.13
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	16	2.13
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	16	2.13
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	19	2.13
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	19	2.13
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	19	2.13
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	19	2.13
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	19	2.13
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	19	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	19	2.13
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	19	2.13
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	19	2.13
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	19	2.13
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	19	2.13
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	19	2.13
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	17	2.13
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	17	2.13
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	9	2.13
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	9	2.13
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	9	2.13
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	9	2.13
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	9	2.13
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	9	2.13
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	11	2.13
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	11	2.13
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	11	2.13
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	11	2.13
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	11	2.13
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	11	2.13
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	12	2.13
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	12	2.13
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	12	2.13
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	12	2.13
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	12	2.13
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	12	2.13
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	17	2.13
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	17	2.13
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	17	2.13
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	17	2.13
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	17	2.13
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	17	2.13
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	7	2.13
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	7	2.13
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	7	2.13
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	14	2.13
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	14	2.13
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	14	2.13
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	7	2.13
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	7	2.13
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	7	2.13
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	7	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	7	2.13
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	7	2.13
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	13	2.13
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	13	2.13
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	13	2.13
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	13	2.13
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	13	2.13
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	13	2.13
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	13	2.13
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	13	2.13
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	13	2.13
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	2	2.13
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	2	2.13
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	2	2.13
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	2	2.13
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	2	2.13
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	2	2.13
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	2	2.13
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	2	2.13
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	2	2.13
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	17	2.13
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	17	2.13
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	17	2.13
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	17	2.13
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	17	2.13
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	17	2.13
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	17	2.13
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	17	2.13
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	17	2.13
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	17	2.13
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	17	2.13
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	17	2.13
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	17	2.13
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	17	2.13
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	17	2.13
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	17	2.13
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	17	2.13
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	17	2.13
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	8	2.13
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	8	2.13
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	8	2.13
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	8	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	8	2.13
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	8	2.13
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	8	2.13
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	8	2.13
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	8	2.13
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	14	2.13
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	14	2.13
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	14	2.13
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	19	2.13
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	19	2.13
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	19	2.13
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	12	2.13
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	12	2.13
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	5	2.13
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	5	2.13
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	5	2.13
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	5	2.13
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	5	2.13
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	5	2.13
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	16	2.13
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	16	2.13
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	16	2.13
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	20	2.13
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	20	2.13
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	20	2.13
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	9	2.13
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	9	2.13
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	9	2.13
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	12	2.13
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	12	2.13
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	12	2.13
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	3	2.13
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	7	2.13
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	7	2.13
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	7	2.13
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	16	2.13
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	16	2.13
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	16	2.13
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	7	2.13
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	7	2.13
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	7	2.13
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	7	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	7	2.13
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	7	2.13
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	17	2.13
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	17	2.13
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	17	2.13
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	17	2.13
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	17	2.13
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	17	2.13
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	17	2.13
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	15	2.13
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	14	2.13
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	17	2.13
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	8	2.13
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	8	2.13
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	8	2.13
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	8	2.13
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	8	2.13
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	8	2.13
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	8	2.13
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	8	2.13
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	8	2.13
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	11	2.13
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	11	2.13
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	11	2.13
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	11	2.13
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	11	2.13
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	11	2.13
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	11	2.13
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	11	2.13
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	11	2.13
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	19	2.13
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	19	2.13
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	19	2.13
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	19	2.13
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	19	2.13
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	19	2.13
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	19	2.13
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	19	2.13
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	19	2.13
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	3	2.13
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	3	2.13
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	3	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	9	2.13
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	9	2.13
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	9	2.13
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	6	2.13
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	6	2.13
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	6	2.13
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	6	2.13
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	6	2.13
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	6	2.13
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	6	2.13
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	6	2.13
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	6	2.13
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	14	2.13
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	14	2.13
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	14	2.13
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	14	2.13
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	14	2.13
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	14	2.13
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	14	2.13
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	14	2.13
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	14	2.13
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	2	2.12
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	2	2.12
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	2	2.12
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	2	2.12
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	9	2.12
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	9	2.12
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	1	2.12
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	1	2.12
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	1	2.12
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	1	2.12
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	1	2.12
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	1	2.12
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	5	2.12
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	5	2.12
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	5	2.12
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	5	2.12
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	5	2.12
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	5	2.12
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	9	2.12
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	9	2.12
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	9	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	9	2.12
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	9	2.12
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	9	2.12
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	19	2.12
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	19	2.12
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	2	2.12
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	2	2.12
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	2	2.12
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	2	2.12
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	2	2.12
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	2	2.12
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	14	2.12
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	14	2.12
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	14	2.12
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	14	2.12
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	14	2.12
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	14	2.12
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	20	2.12
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	20	2.12
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	9	2.12
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	9	2.12
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	9	2.12
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	9	2.12
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	9	2.12
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	9	2.12
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	17	2.12
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	17	2.12
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	7	2.12
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	7	2.12
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	7	2.12
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	7	2.12
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	7	2.12
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	7	2.12
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	7	2.12
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	7	2.12
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	9	2.12
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	9	2.12
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB2	16	2.12
(1,3113)	1:833:A:ALA:H	1:836:A:ASP:HB3	16	2.12
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	14	2.12
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	14	2.12
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	2	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	2	2.12
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	12	2.12
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	12	2.12
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	12	2.12
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	12	2.12
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	11	2.12
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	11	2.12
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	11	2.12
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	11	2.12
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD1	18	2.12
(1,3062)	1:809:A:PHE:HB2	1:840:A:PHE:HD2	18	2.12
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD1	18	2.12
(1,3062)	1:809:A:PHE:HB3	1:840:A:PHE:HD2	18	2.12
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	18	2.12
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	18	2.12
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	9	2.12
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	9	2.12
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	9	2.12
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	9	2.12
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	7	2.12
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	7	2.12
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	15	2.12
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	15	2.12
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	7	2.12
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	7	2.12
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	7	2.12
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	7	2.12
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	17	2.12
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	17	2.12
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	17	2.12
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	1	2.12
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	1	2.12
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	1	2.12
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	10	2.12
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	10	2.12
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	10	2.12
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	20	2.12
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	20	2.12
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	20	2.12
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	20	2.12
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	20	2.12
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	20	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	6	2.12
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	6	2.12
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	6	2.12
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	20	2.12
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	20	2.12
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	20	2.12
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	14	2.12
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	14	2.12
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	14	2.12
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD12	7	2.12
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD13	7	2.12
(1,2876)	1:825:A:CYS:HB3	1:852:A:LEU:HD11	7	2.12
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	17	2.12
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	17	2.12
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	17	2.12
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	8	2.12
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	8	2.12
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	8	2.12
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	12	2.12
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	12	2.12
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	12	2.12
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	10	2.12
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	10	2.12
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	10	2.12
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	18	2.12
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	18	2.12
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	18	2.12
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	18	2.12
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	18	2.12
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	18	2.12
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	18	2.12
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	18	2.12
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	18	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	1	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	1	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	1	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	3	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	3	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	3	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	4	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	4	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	4	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	10	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	10	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	10	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	19	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	19	2.12
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	19	2.12
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	12	2.12
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	12	2.12
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	12	2.12
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	1	2.12
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	1	2.12
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	1	2.12
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	8	2.12
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	8	2.12
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	8	2.12
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	18	2.12
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	18	2.12
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	18	2.12
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	19	2.12
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	19	2.12
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	19	2.12
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	14	2.12
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	14	2.12
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	14	2.12
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	14	2.12
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	14	2.12
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	14	2.12
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	15	2.12
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	15	2.12
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	15	2.12
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	15	2.12
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	15	2.12
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	15	2.12
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	1	2.12
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	1	2.12
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	1	2.12
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	4	2.12
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	4	2.12
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	10	2.12
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	10	2.12
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	10	2.12
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	12	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	12	2.12
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	12	2.12
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	12	2.12
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	12	2.12
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	12	2.12
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	13	2.12
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	3	2.12
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	3	2.12
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	14	2.12
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	14	2.12
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	20	2.12
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	20	2.12
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	4	2.12
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	4	2.12
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	5	2.12
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	5	2.12
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	6	2.12
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	20	2.12
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	20	2.12
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	19	2.12
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	19	2.12
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	19	2.12
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	11	2.12
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	11	2.12
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	11	2.12
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	11	2.12
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	11	2.12
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	11	2.12
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	15	2.12
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	15	2.12
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	15	2.12
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	15	2.12
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	15	2.12
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	15	2.12
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	20	2.12
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	20	2.12
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	20	2.12
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	20	2.12
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	20	2.12
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	20	2.12
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	6	2.12
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	6	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	6	2.12
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	5	2.12
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	5	2.12
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	5	2.12
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	5	2.12
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	5	2.12
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	5	2.12
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	5	2.12
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	5	2.12
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	12	2.12
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	12	2.12
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	12	2.12
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	12	2.12
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	12	2.12
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	12	2.12
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	13	2.12
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	13	2.12
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	13	2.12
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	13	2.12
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	13	2.12
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	13	2.12
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	5	2.12
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	5	2.12
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	5	2.12
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	5	2.12
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	5	2.12
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	5	2.12
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	2	2.12
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	2	2.12
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	2	2.12
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	2	2.12
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	2	2.12
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	2	2.12
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	9	2.12
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	9	2.12
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	16	2.12
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	16	2.12
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	13	2.12
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	13	2.12
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	13	2.12
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	13	2.12
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	13	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	13	2.12
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	4	2.12
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	4	2.12
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	4	2.12
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	4	2.12
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	4	2.12
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	4	2.12
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	5	2.12
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	5	2.12
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	18	2.12
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	18	2.12
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	18	2.12
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	18	2.12
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	18	2.12
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	18	2.12
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	18	2.12
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	18	2.12
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	18	2.12
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	6	2.12
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	6	2.12
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	6	2.12
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	15	2.12
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	15	2.12
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	15	2.12
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	9	2.12
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	9	2.12
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	9	2.12
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	20	2.12
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	20	2.12
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	10	2.12
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	10	2.12
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	13	2.12
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	13	2.12
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	13	2.12
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	13	2.12
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	13	2.12
(1,1151)	1:816:A:LEU:HD12	1:825:A:CYS:H	6	2.12
(1,1151)	1:816:A:LEU:HD13	1:825:A:CYS:H	6	2.12
(1,1151)	1:816:A:LEU:HD11	1:825:A:CYS:H	6	2.12
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	17	2.12
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	17	2.12
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	17	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	19	2.12
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	19	2.12
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	19	2.12
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	19	2.12
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	19	2.12
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	19	2.12
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	6	2.12
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	6	2.12
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	5	2.12
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	5	2.12
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	5	2.12
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	11	2.12
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	11	2.12
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	11	2.12
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	11	2.12
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	11	2.12
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	11	2.12
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	11	2.12
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	11	2.12
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	11	2.12
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	15	2.12
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	15	2.12
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	15	2.12
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	15	2.12
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	15	2.12
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	15	2.12
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	15	2.12
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	15	2.12
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	15	2.12
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	9	2.12
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	9	2.12
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	9	2.12
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	17	2.12
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	17	2.12
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	17	2.12
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	17	2.12
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	17	2.12
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	17	2.12
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	11	2.12
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	11	2.12
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	11	2.12
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	11	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	11	2.12
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	11	2.12
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	11	2.12
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	11	2.12
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	11	2.12
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	17	2.12
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	17	2.12
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	17	2.12
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	17	2.12
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	17	2.12
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	17	2.12
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	17	2.12
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	17	2.12
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	17	2.12
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	7	2.12
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	7	2.12
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	7	2.12
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	9	2.12
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	9	2.12
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	9	2.12
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	15	2.12
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	15	2.12
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	15	2.12
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	15	2.12
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	15	2.12
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	15	2.12
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	18	2.12
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	18	2.12
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	18	2.12
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	18	2.12
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	18	2.12
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	18	2.12
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	3	2.12
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	3	2.12
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	3	2.12
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	3	2.12
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	3	2.12
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	3	2.12
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	1	2.12
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	1	2.12
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	1	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	3	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	3	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	3	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	3	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	3	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	3	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	3	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	3	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	3	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	4	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	4	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	4	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	4	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	4	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	4	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	4	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	4	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	4	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	8	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	8	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	8	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	8	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	8	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	8	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	8	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	8	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	8	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	10	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	10	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	10	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	10	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	10	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	10	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	10	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	10	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	10	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	11	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	11	2.12
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	11	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	11	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	11	2.12
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	11	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	11	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	11	2.12
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	11	2.12
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	14	2.12
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	14	2.12
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	14	2.12
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	19	2.12
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	19	2.12
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	19	2.12
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	19	2.12
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	19	2.12
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	19	2.12
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	19	2.12
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	19	2.12
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	19	2.12
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	17	2.12
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	2	2.12
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	2	2.12
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	2	2.12
(1,279)	1:813:A:ILE:HG21	1:849:A:THR:HA	4	2.12
(1,279)	1:813:A:ILE:HG22	1:849:A:THR:HA	4	2.12
(1,279)	1:813:A:ILE:HG23	1:849:A:THR:HA	4	2.12
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	4	2.12
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	4	2.12
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	4	2.12
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	4	2.12
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	4	2.12
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	4	2.12
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	3	2.12
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	3	2.12
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	3	2.12
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	12	2.12
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	9	2.12
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	9	2.12
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	9	2.12
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	9	2.12
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	9	2.12
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	9	2.12
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	6	2.12
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	7	2.12
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD21	14	2.12
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD22	14	2.12
(1,132)	1:820:A:LYS:HA	1:852:A:LEU:HD23	14	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	7	2.12
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	7	2.12
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	7	2.12
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	7	2.12
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	7	2.12
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	7	2.12
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	7	2.12
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	7	2.12
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	7	2.12
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	13	2.12
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	13	2.12
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	13	2.12
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	13	2.12
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	13	2.12
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	13	2.12
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	13	2.12
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	13	2.12
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	13	2.12
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	6	2.12
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	6	2.12
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	6	2.12
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	6	2.12
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	6	2.12
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	6	2.12
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	6	2.12
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	6	2.12
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	6	2.12
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	9	2.12
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	9	2.12
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	9	2.12
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	6	2.12
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	6	2.12
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	6	2.12
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	6	2.12
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	6	2.12
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	6	2.12
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	20	2.12
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	20	2.12
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	20	2.12
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	20	2.12
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	20	2.12
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	20	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	20	2.12
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	20	2.12
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	20	2.12
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	2	2.11
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	2	2.11
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	2	2.11
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	2	2.11
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	2	2.11
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	2	2.11
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	2	2.11
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	2	2.11
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	20	2.11
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	20	2.11
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	20	2.11
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	20	2.11
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	20	2.11
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	20	2.11
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	1	2.11
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	1	2.11
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	18	2.11
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	18	2.11
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	18	2.11
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	18	2.11
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	18	2.11
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	18	2.11
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	10	2.11
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	10	2.11
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	10	2.11
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	10	2.11
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	16	2.11
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	16	2.11
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	16	2.11
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	16	2.11
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	16	2.11
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	16	2.11
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	17	2.11
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	17	2.11
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	17	2.11
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	17	2.11
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	17	2.11
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	17	2.11
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	12	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	12	2.11
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	12	2.11
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	12	2.11
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	16	2.11
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	16	2.11
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	16	2.11
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	16	2.11
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	8	2.11
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	8	2.11
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	8	2.11
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	8	2.11
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	8	2.11
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	8	2.11
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	12	2.11
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	12	2.11
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	12	2.11
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	12	2.11
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	12	2.11
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	12	2.11
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	20	2.11
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	20	2.11
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	20	2.11
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	6	2.11
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	6	2.11
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	6	2.11
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	17	2.11
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	17	2.11
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	17	2.11
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	10	2.11
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	6	2.11
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	6	2.11
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	6	2.11
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	13	2.11
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	13	2.11
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	13	2.11
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	9	2.11
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	9	2.11
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	9	2.11
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	9	2.11
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	9	2.11
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	9	2.11
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	4	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	4	2.11
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	4	2.11
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	1	2.11
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	1	2.11
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	1	2.11
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	15	2.11
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	15	2.11
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	15	2.11
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	7	2.11
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	7	2.11
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	7	2.11
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	9	2.11
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	9	2.11
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	9	2.11
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	14	2.11
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	14	2.11
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	14	2.11
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	19	2.11
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	19	2.11
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	19	2.11
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	2	2.11
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	2	2.11
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	2	2.11
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	15	2.11
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	15	2.11
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	15	2.11
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	10	2.11
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	10	2.11
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	10	2.11
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	4	2.11
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	4	2.11
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	4	2.11
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	14	2.11
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	14	2.11
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	14	2.11
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	5	2.11
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	5	2.11
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	5	2.11
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	7	2.11
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	7	2.11
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	7	2.11
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	15	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	15	2.11
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	15	2.11
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	18	2.11
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	18	2.11
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	18	2.11
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	9	2.11
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	9	2.11
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	9	2.11
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	1	2.11
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	1	2.11
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	1	2.11
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	10	2.11
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	10	2.11
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	10	2.11
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	9	2.11
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	9	2.11
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	9	2.11
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	17	2.11
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	16	2.11
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	2	2.11
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	2	2.11
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	2	2.11
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	2	2.11
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	2	2.11
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	2	2.11
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	6	2.11
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	6	2.11
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	6	2.11
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	8	2.11
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	8	2.11
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	8	2.11
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	14	2.11
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	14	2.11
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	14	2.11
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	14	2.11
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	14	2.11
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	14	2.11
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	14	2.11
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	14	2.11
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	14	2.11
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	14	2.11
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	12	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	12	2.11
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	12	2.11
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	19	2.11
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	19	2.11
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	19	2.11
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	2	2.11
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	2	2.11
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	2	2.11
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	2	2.11
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	2	2.11
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	2	2.11
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	18	2.11
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	18	2.11
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	18	2.11
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	18	2.11
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	18	2.11
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	18	2.11
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	8	2.11
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	8	2.11
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	8	2.11
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	8	2.11
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	17	2.11
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	14	2.11
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	14	2.11
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	15	2.11
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	15	2.11
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	16	2.11
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	16	2.11
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	1	2.11
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	1	2.11
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	6	2.11
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	6	2.11
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	18	2.11
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	18	2.11
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	10	2.11
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	10	2.11
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	10	2.11
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	10	2.11
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	10	2.11
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	10	2.11
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	3	2.11
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	3	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	3	2.11
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	3	2.11
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	3	2.11
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	3	2.11
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	16	2.11
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	16	2.11
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	16	2.11
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	16	2.11
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	16	2.11
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	16	2.11
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	4	2.11
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	4	2.11
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	4	2.11
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	4	2.11
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	4	2.11
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	4	2.11
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	4	2.11
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	4	2.11
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	4	2.11
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	6	2.11
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	6	2.11
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	4	2.11
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	4	2.11
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	4	2.11
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	4	2.11
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	4	2.11
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	4	2.11
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	5	2.11
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	5	2.11
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	19	2.11
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	19	2.11
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	16	2.11
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	16	2.11
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	16	2.11
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	16	2.11
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	16	2.11
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	16	2.11
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	3	2.11
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	3	2.11
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	3	2.11
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	3	2.11
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	3	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	3	2.11
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	16	2.11
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	16	2.11
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	16	2.11
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	16	2.11
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	16	2.11
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	16	2.11
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	4	2.11
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	4	2.11
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	10	2.11
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	10	2.11
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	17	2.11
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	17	2.11
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	8	2.11
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	8	2.11
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	7	2.11
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	7	2.11
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	7	2.11
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	7	2.11
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	7	2.11
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	14	2.11
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	14	2.11
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	15	2.11
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	15	2.11
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD12	13	2.11
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD13	13	2.11
(1,1823)	1:889:A:ILE:H	1:889:A:ILE:HD11	13	2.11
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	14	2.11
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	14	2.11
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	14	2.11
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	5	2.11
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	5	2.11
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	20	2.11
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	20	2.11
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	12	2.11
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	12	2.11
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	12	2.11
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	20	2.11
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	9	2.11
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	9	2.11
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	13	2.11
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	13	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	13	2.11
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	14	2.11
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	14	2.11
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	14	2.11
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	13	2.11
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	15	2.11
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	11	2.11
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	11	2.11
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	11	2.11
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	19	2.11
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	19	2.11
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	19	2.11
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	3	2.11
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	3	2.11
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	3	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	3	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	3	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	3	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	3	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	3	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	3	2.11
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	13	2.11
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	13	2.11
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	13	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	13	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	13	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	13	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	13	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	13	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	13	2.11
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	20	2.11
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	20	2.11
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	20	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	20	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	20	2.11
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	20	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	20	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	20	2.11
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	20	2.11
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	3	2.11
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	3	2.11
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	3	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	8	2.11
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	8	2.11
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	8	2.11
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	12	2.11
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	12	2.11
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	12	2.11
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	12	2.11
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	12	2.11
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	12	2.11
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	12	2.11
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	12	2.11
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	12	2.11
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	14	2.11
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	14	2.11
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	14	2.11
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	14	2.11
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	14	2.11
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	14	2.11
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	14	2.11
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	14	2.11
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	14	2.11
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	16	2.11
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	16	2.11
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	16	2.11
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	16	2.11
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	16	2.11
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	16	2.11
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	16	2.11
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	16	2.11
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	16	2.11
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	3	2.11
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	3	2.11
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	3	2.11
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	3	2.11
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	3	2.11
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	3	2.11
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	6	2.11
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	6	2.11
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	6	2.11
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	6	2.11
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	6	2.11
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	6	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	14	2.11
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	14	2.11
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	14	2.11
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	14	2.11
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	14	2.11
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	14	2.11
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	6	2.11
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	6	2.11
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	6	2.11
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	6	2.11
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	6	2.11
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	6	2.11
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	10	2.11
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	10	2.11
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	10	2.11
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	1	2.11
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	1	2.11
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	1	2.11
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	1	2.11
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	1	2.11
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	1	2.11
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	18	2.11
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	18	2.11
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	18	2.11
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	5	2.11
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	5	2.11
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	5	2.11
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	5	2.11
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	5	2.11
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	5	2.11
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	5	2.11
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	5	2.11
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	5	2.11
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	19	2.11
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	19	2.11
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	19	2.11
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	6	2.11
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	6	2.11
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	6	2.11
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	6	2.11
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	6	2.11
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	6	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	6	2.11
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	6	2.11
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	6	2.11
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	18	2.11
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	18	2.11
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	18	2.11
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	18	2.11
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	18	2.11
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	18	2.11
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	18	2.11
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	18	2.11
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	18	2.11
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	3	2.11
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	3	2.11
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	3	2.11
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	3	2.11
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	3	2.11
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	3	2.11
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	3	2.11
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	3	2.11
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	3	2.11
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	9	2.11
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	9	2.11
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	9	2.11
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	9	2.11
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	9	2.11
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	9	2.11
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	9	2.11
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	9	2.11
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	9	2.11
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	17	2.11
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	17	2.11
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	19	2.11
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	19	2.11
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	12	2.11
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	12	2.11
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	12	2.11
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	5	2.11
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	5	2.11
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	5	2.11
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	5	2.11
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	5	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	5	2.11
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	5	2.11
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	5	2.11
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	5	2.11
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	17	2.11
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	17	2.11
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	17	2.11
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	17	2.11
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	17	2.11
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	17	2.11
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	17	2.11
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	17	2.11
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	17	2.11
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	7	2.11
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	7	2.11
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	7	2.11
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	1	2.11
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	1	2.11
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	1	2.11
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	1	2.11
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	1	2.11
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	1	2.11
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	12	2.11
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	12	2.11
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	12	2.11
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	12	2.11
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	12	2.11
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	12	2.11
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	9	2.11
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	9	2.11
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	9	2.11
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	9	2.11
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	9	2.11
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	9	2.11
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	9	2.11
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	9	2.11
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	9	2.11
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	10	2.11
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	10	2.11
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	10	2.11
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	19	2.11
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	19	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	19	2.11
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	19	2.11
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	19	2.11
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	19	2.11
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	5	2.11
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	5	2.11
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	5	2.11
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	17	2.11
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	17	2.11
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	17	2.11
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	14	2.11
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	14	2.11
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	14	2.11
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	8	2.11
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	8	2.11
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	8	2.11
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	8	2.11
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	8	2.11
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	8	2.11
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	14	2.11
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	8	2.11
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	8	2.11
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	8	2.11
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	5	2.11
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	5	2.11
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	5	2.11
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	7	2.11
(1,215)	1:828:A:LEU:HD23	1:832:A:THR:HB	18	2.11
(1,215)	1:828:A:LEU:HD21	1:832:A:THR:HB	18	2.11
(1,215)	1:828:A:LEU:HD22	1:832:A:THR:HB	18	2.11
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	19	2.11
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	19	2.11
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	19	2.11
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	5	2.11
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	5	2.11
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	5	2.11
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	5	2.11
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	5	2.11
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	5	2.11
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	5	2.11
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	5	2.11
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	5	2.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	15	2.11
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	15	2.11
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	15	2.11
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	2	2.11
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	2	2.11
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	2	2.11
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	3	2.11
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	3	2.11
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	3	2.11
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	14	2.1
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	14	2.1
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	14	2.1
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	14	2.1
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	15	2.1
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	15	2.1
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	15	2.1
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	15	2.1
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	15	2.1
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	15	2.1
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	10	2.1
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	10	2.1
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	10	2.1
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	10	2.1
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	10	2.1
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	10	2.1
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	18	2.1
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	18	2.1
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	7	2.1
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	7	2.1
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	7	2.1
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	7	2.1
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	7	2.1
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	7	2.1
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE1	13	2.1
(1,3267)	1:870:A:TYR:HB3	1:912:A:PHE:HE2	13	2.1
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE1	13	2.1
(1,3267)	1:870:A:TYR:HB2	1:912:A:PHE:HE2	13	2.1
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	19	2.1
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	19	2.1
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	20	2.1
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	20	2.1
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	20	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	20	2.1
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	20	2.1
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	20	2.1
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	5	2.1
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	5	2.1
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	13	2.1
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	13	2.1
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	5	2.1
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	5	2.1
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	8	2.1
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	8	2.1
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	3	2.1
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	3	2.1
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	16	2.1
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	16	2.1
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	6	2.1
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	6	2.1
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	20	2.1
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	20	2.1
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	20	2.1
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	20	2.1
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	20	2.1
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	20	2.1
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	20	2.1
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	20	2.1
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	8	2.1
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	8	2.1
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	8	2.1
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	9	2.1
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	9	2.1
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	20	2.1
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	20	2.1
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	3	2.1
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	3	2.1
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	3	2.1
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	3	2.1
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	3	2.1
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	3	2.1
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	12	2.1
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	12	2.1
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	12	2.1
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	12	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	12	2.1
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	12	2.1
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	15	2.1
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	15	2.1
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	15	2.1
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	11	2.1
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	11	2.1
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	11	2.1
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	17	2.1
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	17	2.1
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	17	2.1
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	6	2.1
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	6	2.1
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	6	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	9	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	9	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	9	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	10	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	10	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	10	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	14	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	14	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	14	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	17	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	17	2.1
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	17	2.1
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	12	2.1
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	12	2.1
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	12	2.1
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	3	2.1
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	3	2.1
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	3	2.1
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	20	2.1
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	20	2.1
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	20	2.1
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	7	2.1
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	7	2.1
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	7	2.1
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	20	2.1
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	20	2.1
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	20	2.1
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	19	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	19	2.1
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	19	2.1
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	8	2.1
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	8	2.1
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	8	2.1
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	1	2.1
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	1	2.1
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	1	2.1
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	3	2.1
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	3	2.1
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	3	2.1
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	12	2.1
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	12	2.1
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	12	2.1
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	11	2.1
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	11	2.1
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	11	2.1
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	14	2.1
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	14	2.1
(1,2813)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	14	2.1
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	4	2.1
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	4	2.1
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	4	2.1
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	4	2.1
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	4	2.1
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	4	2.1
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	4	2.1
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	4	2.1
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	4	2.1
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	13	2.1
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	13	2.1
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	13	2.1
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	13	2.1
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	20	2.1
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	20	2.1
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	20	2.1
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	10	2.1
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	10	2.1
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	19	2.1
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	19	2.1
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	3	2.1
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	9	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	20	2.1
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	7	2.1
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	7	2.1
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	7	2.1
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	7	2.1
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	7	2.1
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	7	2.1
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	10	2.1
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	10	2.1
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	10	2.1
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	11	2.1
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	11	2.1
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	11	2.1
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	10	2.1
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	10	2.1
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	10	2.1
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	10	2.1
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	10	2.1
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	10	2.1
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	13	2.1
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	13	2.1
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	13	2.1
(1,2496)	1:898:A:GLU:HB2	1:899:A:GLN:HE21	11	2.1
(1,2496)	1:898:A:GLU:HB3	1:899:A:GLN:HE21	11	2.1
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	7	2.1
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	7	2.1
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	3	2.1
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	3	2.1
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	1	2.1
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	19	2.1
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	1	2.1
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	1	2.1
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	19	2.1
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	19	2.1
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	3	2.1
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	3	2.1
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	14	2.1
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	14	2.1
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	13	2.1
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	13	2.1
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	13	2.1
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	13	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	13	2.1
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	13	2.1
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	6	2.1
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	6	2.1
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	6	2.1
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	6	2.1
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	6	2.1
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	6	2.1
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	2	2.1
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	2	2.1
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	2	2.1
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	14	2.1
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	14	2.1
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	14	2.1
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	14	2.1
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	14	2.1
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	14	2.1
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	11	2.1
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	11	2.1
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	18	2.1
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	18	2.1
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE1	11	2.1
(1,2252)	1:873:A:LEU:HD11	1:924:A:TYR:HE2	11	2.1
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE1	11	2.1
(1,2252)	1:873:A:LEU:HD12	1:924:A:TYR:HE2	11	2.1
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE1	11	2.1
(1,2252)	1:873:A:LEU:HD13	1:924:A:TYR:HE2	11	2.1
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	2	2.1
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	2	2.1
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	12	2.1
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	12	2.1
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	12	2.1
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	18	2.1
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	2	2.1
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	2	2.1
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	2	2.1
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	4	2.1
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	4	2.1
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	4	2.1
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	11	2.1
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	11	2.1
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	11	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	17	2.1
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	17	2.1
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	17	2.1
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	18	2.1
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	5	2.1
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	5	2.1
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	5	2.1
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	15	2.1
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	15	2.1
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	15	2.1
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	2	2.1
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	2	2.1
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	10	2.1
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	19	2.1
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	10	2.1
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	10	2.1
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	2	2.1
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	2	2.1
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	2	2.1
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	9	2.1
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	9	2.1
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	9	2.1
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	8	2.1
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	14	2.1
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	14	2.1
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	8	2.1
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	8	2.1
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	7	2.1
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	7	2.1
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	7	2.1
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	9	2.1
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	11	2.1
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	11	2.1
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	11	2.1
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	11	2.1
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD21	4	2.1
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD22	4	2.1
(1,848)	1:866:A:PRO:HB2	1:904:A:LEU:HD23	4	2.1
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	14	2.1
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	14	2.1
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	14	2.1
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	20	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	20	2.1
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	20	2.1
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	20	2.1
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	4	2.1
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	4	2.1
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	4	2.1
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	9	2.1
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	9	2.1
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	9	2.1
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	17	2.1
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	17	2.1
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	17	2.1
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	17	2.1
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	17	2.1
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	17	2.1
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	3	2.1
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	3	2.1
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	3	2.1
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	14	2.1
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	14	2.1
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	14	2.1
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	5	2.1
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	5	2.1
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	5	2.1
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	5	2.1
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	5	2.1
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	5	2.1
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	5	2.1
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	5	2.1
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	5	2.1
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	15	2.1
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	15	2.1
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	15	2.1
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	15	2.1
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	15	2.1
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	15	2.1
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	15	2.1
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	15	2.1
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	15	2.1
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	6	2.1
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	6	2.1
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	2	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	2	2.1
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	2	2.1
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	2	2.1
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	2	2.1
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	2	2.1
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	8	2.1
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	8	2.1
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	8	2.1
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	8	2.1
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	8	2.1
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	8	2.1
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	10	2.1
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	10	2.1
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	10	2.1
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	10	2.1
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	10	2.1
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	10	2.1
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	16	2.1
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	16	2.1
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	16	2.1
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	16	2.1
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	16	2.1
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	16	2.1
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	1	2.1
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	1	2.1
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	1	2.1
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	1	2.1
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	1	2.1
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	1	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	1	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	1	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	1	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	12	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	12	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	12	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	15	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	15	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	15	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	17	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	17	2.1
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	17	2.1
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	15	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	15	2.1
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	15	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	15	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	15	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	15	2.1
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	16	2.1
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	16	2.1
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	16	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	16	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	16	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	16	2.1
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	20	2.1
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	20	2.1
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	20	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	20	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	20	2.1
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	20	2.1
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	1	2.1
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	1	2.1
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	1	2.1
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	9	2.1
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	9	2.1
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	9	2.1
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	9	2.1
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	9	2.1
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	9	2.1
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	9	2.1
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	9	2.1
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	9	2.1
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	14	2.1
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	14	2.1
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	14	2.1
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	14	2.1
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	14	2.1
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	14	2.1
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	14	2.1
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	14	2.1
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	14	2.1
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	1	2.1
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	1	2.1
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	1	2.1
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	1	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	1	2.1
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	1	2.1
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	1	2.1
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	1	2.1
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	1	2.1
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	15	2.1
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	15	2.1
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	15	2.1
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	15	2.1
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	15	2.1
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	15	2.1
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	15	2.1
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	15	2.1
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	15	2.1
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	5	2.1
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	5	2.1
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	5	2.1
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	20	2.1
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	20	2.1
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	20	2.1
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	10	2.1
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	10	2.1
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	10	2.1
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	10	2.1
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	10	2.1
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	10	2.1
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	10	2.1
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	10	2.1
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	10	2.1
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	2	2.1
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	2	2.1
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	2	2.1
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	7	2.1
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	7	2.1
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	7	2.1
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	7	2.1
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	7	2.1
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	7	2.1
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	7	2.1
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	7	2.1
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	7	2.1
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	17	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	17	2.1
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	12	2.1
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	12	2.1
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	12	2.1
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	10	2.1
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	10	2.1
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	10	2.1
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	18	2.1
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	9	2.1
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	9	2.1
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	9	2.1
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	13	2.1
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	13	2.1
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	13	2.1
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	13	2.1
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	13	2.1
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	13	2.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	1	2.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	1	2.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	1	2.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	1	2.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	1	2.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	1	2.1
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	9	2.1
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	7	2.1
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	7	2.1
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	7	2.1
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	7	2.1
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	7	2.1
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	7	2.1
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	7	2.1
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	7	2.1
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	7	2.1
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	12	2.1
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	11	2.1
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	11	2.1
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	11	2.1
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	16	2.1
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	16	2.1
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	16	2.1
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	5	2.1
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	5	2.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	5	2.1
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	6	2.1
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	6	2.1
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	6	2.1
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	3	2.1
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	3	2.1
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	3	2.1
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	9	2.1
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	9	2.1
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	9	2.1
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	7	2.1
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	7	2.1
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	7	2.1
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	17	2.09
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	17	2.09
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	17	2.09
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	17	2.09
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	5	2.09
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	5	2.09
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	5	2.09
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	5	2.09
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	10	2.09
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	10	2.09
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	10	2.09
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	10	2.09
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	10	2.09
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	10	2.09
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	17	2.09
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	17	2.09
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	16	2.09
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	16	2.09
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	16	2.09
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	16	2.09
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	16	2.09
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	16	2.09
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	18	2.09
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	18	2.09
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	18	2.09
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	18	2.09
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	18	2.09
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	18	2.09
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	10	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	10	2.09
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	9	2.09
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	9	2.09
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	12	2.09
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	12	2.09
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	16	2.09
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	16	2.09
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	16	2.09
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	16	2.09
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	16	2.09
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	16	2.09
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	1	2.09
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	1	2.09
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	20	2.09
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	20	2.09
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	10	2.09
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	10	2.09
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	10	2.09
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	10	2.09
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	15	2.09
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	15	2.09
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	15	2.09
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	15	2.09
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	12	2.09
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	5	2.09
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	5	2.09
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	5	2.09
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	15	2.09
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	15	2.09
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	15	2.09
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	20	2.09
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	20	2.09
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	20	2.09
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	9	2.09
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	9	2.09
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	9	2.09
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	12	2.09
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	12	2.09
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	12	2.09
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	19	2.09
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	19	2.09
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	19	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	5	2.09
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	5	2.09
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	5	2.09
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	19	2.09
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	19	2.09
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	19	2.09
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	5	2.09
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	5	2.09
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	5	2.09
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	18	2.09
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	18	2.09
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	18	2.09
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	5	2.09
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	5	2.09
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	5	2.09
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	20	2.09
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	20	2.09
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	20	2.09
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	1	2.09
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	1	2.09
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	1	2.09
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	20	2.09
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	20	2.09
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	20	2.09
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	6	2.09
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	6	2.09
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	6	2.09
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	6	2.09
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	6	2.09
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	6	2.09
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	6	2.09
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	6	2.09
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	6	2.09
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG2	7	2.09
(1,2825)	1:889:A:ILE:HG21	1:894:A:LYS:HG3	7	2.09
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG2	7	2.09
(1,2825)	1:889:A:ILE:HG22	1:894:A:LYS:HG3	7	2.09
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG2	7	2.09
(1,2825)	1:889:A:ILE:HG23	1:894:A:LYS:HG3	7	2.09
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	7	2.09
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	7	2.09
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	7	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	14	2.09
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	14	2.09
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	14	2.09
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	16	2.09
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	16	2.09
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	16	2.09
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	16	2.09
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	19	2.09
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	19	2.09
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	19	2.09
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	19	2.09
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	11	2.09
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	11	2.09
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	11	2.09
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	16	2.09
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	16	2.09
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	16	2.09
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	4	2.09
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	4	2.09
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	2	2.09
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	9	2.09
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	9	2.09
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	9	2.09
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	9	2.09
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	9	2.09
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	9	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	12	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	12	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	12	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	18	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	18	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	18	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	19	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	19	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	19	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	20	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	20	2.09
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	20	2.09
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	4	2.09
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	4	2.09
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	4	2.09
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	7	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	7	2.09
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	7	2.09
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	7	2.09
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	2	2.09
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	2	2.09
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	2	2.09
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	4	2.09
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	4	2.09
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	4	2.09
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	4	2.09
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	4	2.09
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	4	2.09
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	9	2.09
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	9	2.09
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	20	2.09
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	20	2.09
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	1	2.09
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	1	2.09
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	8	2.09
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	8	2.09
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	1	2.09
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	1	2.09
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	7	2.09
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	7	2.09
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	7	2.09
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	7	2.09
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	7	2.09
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	7	2.09
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	14	2.09
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	14	2.09
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	14	2.09
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	14	2.09
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	14	2.09
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	14	2.09
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	2	2.09
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	2	2.09
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	2	2.09
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	5	2.09
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	5	2.09
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	5	2.09
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	4	2.09
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	4	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	9	2.09
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	9	2.09
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	9	2.09
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	9	2.09
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	9	2.09
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	9	2.09
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	2	2.09
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	2	2.09
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	2	2.09
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	2	2.09
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	2	2.09
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	2	2.09
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	11	2.09
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	11	2.09
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE1	15	2.09
(1,2289)	1:873:A:LEU:HD22	1:924:A:TYR:HE2	15	2.09
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE1	15	2.09
(1,2289)	1:873:A:LEU:HD23	1:924:A:TYR:HE2	15	2.09
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE1	15	2.09
(1,2289)	1:873:A:LEU:HD21	1:924:A:TYR:HE2	15	2.09
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	10	2.09
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	10	2.09
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	10	2.09
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	20	2.09
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	20	2.09
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	20	2.09
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	17	2.09
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	9	2.09
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	5	2.09
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	5	2.09
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	1	2.09
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	1	2.09
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	1	2.09
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	5	2.09
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	5	2.09
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	14	2.09
(1,1443)	1:855:A:GLN:HE22	1:896:A:LEU:HB2	6	2.09
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	16	2.09
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	16	2.09
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	16	2.09
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	3	2.09
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	3	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	3	2.09
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	1	2.09
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	1	2.09
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	1	2.09
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	8	2.09
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	8	2.09
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	8	2.09
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	8	2.09
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	13	2.09
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	13	2.09
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	13	2.09
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	1	2.09
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	1	2.09
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	1	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	1	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	1	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	1	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	1	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	1	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	1	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	1	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	1	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	1	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	4	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	4	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	4	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	4	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	4	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	4	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	4	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	4	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	4	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	7	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	7	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	7	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	7	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	7	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	7	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	7	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	7	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	7	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	9	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	9	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	9	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	9	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	9	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	9	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	9	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	9	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	9	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	10	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	10	2.09
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	10	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	10	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	10	2.09
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	10	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	10	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	10	2.09
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	10	2.09
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	6	2.09
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	6	2.09
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	6	2.09
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	8	2.09
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	8	2.09
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	8	2.09
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	8	2.09
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	8	2.09
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	8	2.09
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	8	2.09
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	8	2.09
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	8	2.09
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	11	2.09
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	11	2.09
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	11	2.09
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	11	2.09
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	11	2.09
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	11	2.09
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	11	2.09
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	11	2.09
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	11	2.09
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	19	2.09
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	19	2.09
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	5	2.09
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	5	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	5	2.09
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	5	2.09
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	5	2.09
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	5	2.09
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	19	2.09
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	19	2.09
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	19	2.09
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	19	2.09
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	19	2.09
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	19	2.09
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	3	2.09
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	3	2.09
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	3	2.09
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	8	2.09
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	8	2.09
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	8	2.09
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	10	2.09
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	10	2.09
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	10	2.09
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	17	2.09
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	17	2.09
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	17	2.09
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	5	2.09
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	5	2.09
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	5	2.09
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	14	2.09
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	14	2.09
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	14	2.09
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	14	2.09
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	14	2.09
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	14	2.09
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	8	2.09
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	8	2.09
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	8	2.09
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	11	2.09
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	11	2.09
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	11	2.09
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	11	2.09
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	11	2.09
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	11	2.09
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	11	2.09
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	11	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	11	2.09
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	16	2.09
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	16	2.09
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	16	2.09
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	16	2.09
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	16	2.09
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	16	2.09
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	16	2.09
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	16	2.09
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	16	2.09
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	6	2.09
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	6	2.09
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	6	2.09
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	9	2.09
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	9	2.09
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	9	2.09
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	9	2.09
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	9	2.09
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	9	2.09
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	9	2.09
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	9	2.09
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	9	2.09
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	14	2.09
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	14	2.09
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	14	2.09
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	14	2.09
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	14	2.09
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	14	2.09
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	14	2.09
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	14	2.09
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	14	2.09
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	20	2.09
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	20	2.09
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	20	2.09
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	20	2.09
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	20	2.09
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	20	2.09
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	20	2.09
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	20	2.09
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	20	2.09
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	3	2.09
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	3	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	3	2.09
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	17	2.09
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	17	2.09
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	17	2.09
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	3	2.09
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	3	2.09
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	15	2.09
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	15	2.09
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	15	2.09
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	18	2.09
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	18	2.09
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	18	2.09
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	18	2.09
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	18	2.09
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	18	2.09
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	18	2.09
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	18	2.09
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	18	2.09
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	9	2.09
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	9	2.09
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	1	2.09
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	1	2.09
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	1	2.09
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	17	2.09
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	17	2.09
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	17	2.09
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	15	2.09
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	15	2.09
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	15	2.09
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	15	2.09
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	15	2.09
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	15	2.09
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	18	2.09
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	18	2.09
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	18	2.09
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	18	2.09
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	18	2.09
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	18	2.09
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	6	2.09
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	6	2.09
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	6	2.09
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	6	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	10	2.09
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	10	2.09
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	10	2.09
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	10	2.09
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	10	2.09
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	10	2.09
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	17	2.09
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	17	2.09
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	17	2.09
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	20	2.09
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	20	2.09
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	20	2.09
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	20	2.09
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	20	2.09
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	20	2.09
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	20	2.09
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	20	2.09
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	20	2.09
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	1	2.09
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	1	2.09
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	1	2.09
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	1	2.09
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	1	2.09
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	1	2.09
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	5	2.09
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	11	2.09
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	15	2.09
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	11	2.09
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	11	2.09
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	11	2.09
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	20	2.09
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	20	2.09
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	20	2.09
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	14	2.09
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	14	2.09
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	14	2.09
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	14	2.09
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	14	2.09
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	14	2.09
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	14	2.09
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	14	2.09
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	14	2.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	13	2.09
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	13	2.09
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	13	2.09
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	16	2.08
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	16	2.08
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	16	2.08
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	16	2.08
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	16	2.08
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	16	2.08
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	19	2.08
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	19	2.08
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	17	2.08
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	17	2.08
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	17	2.08
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	17	2.08
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	17	2.08
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	17	2.08
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	18	2.08
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	18	2.08
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	18	2.08
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	18	2.08
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	18	2.08
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	18	2.08
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	1	2.08
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	1	2.08
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	16	2.08
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	16	2.08
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	7	2.08
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	7	2.08
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	7	2.08
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	7	2.08
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	7	2.08
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	7	2.08
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	12	2.08
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	12	2.08
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	12	2.08
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	12	2.08
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	12	2.08
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	12	2.08
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	13	2.08
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	13	2.08
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	13	2.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	13	2.08
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	13	2.08
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	13	2.08
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	19	2.08
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	19	2.08
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	19	2.08
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	19	2.08
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	19	2.08
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	19	2.08
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD21	19	2.08
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD22	19	2.08
(1,3171)	1:847:A:GLY:HA2	1:888:A:LEU:HD23	19	2.08
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD21	19	2.08
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD22	19	2.08
(1,3171)	1:847:A:GLY:HA3	1:888:A:LEU:HD23	19	2.08
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	1	2.08
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	1	2.08
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	3	2.08
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	3	2.08
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	8	2.08
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	8	2.08
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	8	2.08
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	8	2.08
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	8	2.08
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	8	2.08
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	9	2.08
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	9	2.08
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD11	18	2.08
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD12	18	2.08
(1,3040)	1:803:A:PRO:HG2	1:812:A:ILE:HD13	18	2.08
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD11	18	2.08
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD12	18	2.08
(1,3040)	1:803:A:PRO:HG3	1:812:A:ILE:HD13	18	2.08
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	14	2.08
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	14	2.08
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	2	2.08
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	2	2.08
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	2	2.08
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	20	2.08
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	20	2.08
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	20	2.08
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	19	2.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	19	2.08
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	19	2.08
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	7	2.08
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD11	18	2.08
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD12	18	2.08
(1,2904)	1:813:A:ILE:HA	1:828:A:LEU:HD13	18	2.08
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	3	2.08
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	3	2.08
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	3	2.08
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	5	2.08
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	5	2.08
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	5	2.08
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	17	2.08
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	17	2.08
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	17	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	8	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	8	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	8	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	10	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	10	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	10	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	14	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	14	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	14	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	15	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	15	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	15	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	16	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	16	2.08
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	16	2.08
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	11	2.08
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	11	2.08
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	11	2.08
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	16	2.08
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	16	2.08
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	16	2.08
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	11	2.08
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	11	2.08
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	11	2.08
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	4	2.08
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	4	2.08
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	4	2.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	20	2.08
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	20	2.08
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	20	2.08
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	10	2.08
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	10	2.08
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	10	2.08
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	10	2.08
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	10	2.08
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	10	2.08
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	10	2.08
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	10	2.08
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	10	2.08
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	12	2.08
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	12	2.08
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	12	2.08
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	12	2.08
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	12	2.08
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	12	2.08
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	12	2.08
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	12	2.08
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	12	2.08
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	14	2.08
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	14	2.08
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	14	2.08
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	8	2.08
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	8	2.08
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	8	2.08
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	16	2.08
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	13	2.08
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	13	2.08
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	17	2.08
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	17	2.08
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	2	2.08
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	2	2.08
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	2	2.08
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	4	2.08
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	4	2.08
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	4	2.08
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	14	2.08
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	14	2.08
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	14	2.08
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	7	2.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	7	2.08
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	19	2.08
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	19	2.08
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	19	2.08
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	7	2.08
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	7	2.08
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	10	2.08
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	7	2.08
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	7	2.08
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	3	2.08
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	3	2.08
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	3	2.08
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	3	2.08
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	3	2.08
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	12	2.08
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	12	2.08
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	9	2.08
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	9	2.08
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	14	2.08
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	14	2.08
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	7	2.08
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	8	2.08
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	5	2.08
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	5	2.08
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	6	2.08
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	6	2.08
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	13	2.08
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	13	2.08
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	13	2.08
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	8	2.08
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	8	2.08
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	8	2.08
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	8	2.08
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	8	2.08
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	8	2.08
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	9	2.08
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	9	2.08
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	9	2.08
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	9	2.08
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	9	2.08
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	9	2.08
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	4	2.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	4	2.08
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	4	2.08
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	4	2.08
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	4	2.08
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	4	2.08
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	7	2.08
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	7	2.08
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	7	2.08
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	13	2.08
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	13	2.08
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	13	2.08
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	13	2.08
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	13	2.08
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	13	2.08
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	4	2.08
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	4	2.08
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	4	2.08
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	4	2.08
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	4	2.08
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	4	2.08
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	13	2.08
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	13	2.08
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE1	8	2.08
(1,2287)	1:876:A:LEU:HD21	1:924:A:TYR:HE2	8	2.08
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE1	8	2.08
(1,2287)	1:876:A:LEU:HD22	1:924:A:TYR:HE2	8	2.08
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE1	8	2.08
(1,2287)	1:876:A:LEU:HD23	1:924:A:TYR:HE2	8	2.08
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	14	2.08
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	14	2.08
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	14	2.08
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	14	2.08
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	14	2.08
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	14	2.08
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	17	2.08
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	17	2.08
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	6	2.08
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	6	2.08
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	6	2.08
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	6	2.08
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	6	2.08
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	2	2.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	2	2.08
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	2	2.08
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	7	2.08
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	7	2.08
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	7	2.08
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	7	2.08
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	7	2.08
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	7	2.08
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB2	11	2.08
(1,1741)	1:881:A:ARG:H	1:881:A:ARG:HB3	11	2.08
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	14	2.08
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	14	2.08
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	14	2.08
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	4	2.08
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	15	2.08
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	8	2.08
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	8	2.08
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	8	2.08
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	14	2.08
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	14	2.08
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	14	2.08
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	17	2.08
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	17	2.08
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	17	2.08
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	13	2.08
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	13	2.08
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	10	2.08
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	10	2.08
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	10	2.08
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	8	2.08
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	8	2.08
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	6	2.08
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	6	2.08
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	6	2.08
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	10	2.08
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	10	2.08
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	10	2.08
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	6	2.08
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	6	2.08
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	6	2.08
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	16	2.08
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	16	2.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	16	2.08
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	16	2.08
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	16	2.08
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	16	2.08
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	16	2.08
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	16	2.08
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	16	2.08
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	2	2.08
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	2	2.08
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	2	2.08
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	10	2.08
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	10	2.08
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	10	2.08
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	12	2.08
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	12	2.08
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	12	2.08
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	17	2.08
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	17	2.08
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	17	2.08
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	1	2.08
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	1	2.08
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	1	2.08
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	9	2.08
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	9	2.08
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	9	2.08
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	9	2.08
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	9	2.08
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	9	2.08
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	9	2.08
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	9	2.08
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	9	2.08
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	10	2.08
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	10	2.08
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	10	2.08
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	10	2.08
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	10	2.08
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	10	2.08
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	10	2.08
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	10	2.08
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	10	2.08
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	4	2.08
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	4	2.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	4	2.08
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	20	2.08
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	20	2.08
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	20	2.08
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	20	2.08
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	20	2.08
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	20	2.08
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	2	2.08
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	2	2.08
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	2	2.08
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	18	2.08
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	18	2.08
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	18	2.08
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	18	2.08
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	18	2.08
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	18	2.08
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	2	2.08
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	2	2.08
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	2	2.08
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	12	2.08
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	12	2.08
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	12	2.08
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	13	2.08
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	13	2.08
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	13	2.08
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	13	2.08
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	13	2.08
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	13	2.08
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	13	2.08
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	13	2.08
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	13	2.08
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	11	2.08
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	11	2.08
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	11	2.08
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	11	2.08
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	11	2.08
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	11	2.08
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	11	2.08
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	11	2.08
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	11	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	1	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	1	2.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	1	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	7	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	7	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	7	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	11	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	11	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	11	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	15	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	15	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	15	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	20	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	20	2.08
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	20	2.08
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	19	2.08
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	19	2.08
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	19	2.08
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	2	2.08
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	2	2.08
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	2	2.08
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	10	2.08
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	10	2.08
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	10	2.08
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	17	2.08
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	17	2.08
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	17	2.08
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	5	2.08
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	5	2.08
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	9	2.08
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	9	2.08
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	18	2.08
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	18	2.08
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	18	2.08
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	18	2.08
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	18	2.08
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	18	2.08
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	18	2.08
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	18	2.08
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	18	2.08
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	12	2.08
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	12	2.08
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	12	2.08
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	9	2.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	9	2.08
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	9	2.08
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	15	2.08
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	15	2.08
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	15	2.08
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	15	2.08
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	15	2.08
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	15	2.08
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	15	2.08
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	15	2.08
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	15	2.08
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	12	2.08
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	12	2.08
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	12	2.08
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	5	2.08
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	5	2.08
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	5	2.08
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	5	2.08
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	1	2.08
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	11	2.08
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	11	2.08
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	20	2.08
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	20	2.08
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	4	2.08
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	4	2.08
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	4	2.08
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	4	2.08
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	4	2.08
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	4	2.08
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	4	2.08
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	4	2.08
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	4	2.08
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	14	2.08
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	14	2.08
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	14	2.08
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	19	2.08
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	19	2.08
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	19	2.08
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	12	2.08
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	12	2.08
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	12	2.08
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	12	2.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	12	2.08
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	12	2.08
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	12	2.08
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	12	2.08
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	12	2.08
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	9	2.07
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	9	2.07
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	9	2.07
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	9	2.07
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	18	2.07
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	18	2.07
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	18	2.07
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	18	2.07
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	18	2.07
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	18	2.07
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	7	2.07
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	7	2.07
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	7	2.07
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	7	2.07
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	7	2.07
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	7	2.07
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	19	2.07
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	19	2.07
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	19	2.07
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	19	2.07
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	19	2.07
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	19	2.07
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	10	2.07
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	10	2.07
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	10	2.07
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	10	2.07
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	7	2.07
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	7	2.07
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	7	2.07
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	7	2.07
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	7	2.07
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	7	2.07
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	7	2.07
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	7	2.07
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	8	2.07
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	8	2.07
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	8	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	8	2.07
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	8	2.07
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	8	2.07
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	3	2.07
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	3	2.07
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	3	2.07
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	3	2.07
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	3	2.07
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	3	2.07
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	5	2.07
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	5	2.07
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	5	2.07
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	5	2.07
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	5	2.07
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	5	2.07
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	11	2.07
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	11	2.07
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	11	2.07
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	11	2.07
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	11	2.07
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	11	2.07
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	6	2.07
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	6	2.07
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	16	2.07
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	16	2.07
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	16	2.07
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	16	2.07
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	16	2.07
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	16	2.07
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	18	2.07
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	18	2.07
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	18	2.07
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	18	2.07
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	18	2.07
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	18	2.07
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	13	2.07
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	13	2.07
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	5	2.07
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	5	2.07
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	5	2.07
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	5	2.07
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	5	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	5	2.07
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	5	2.07
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	5	2.07
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	8	2.07
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	8	2.07
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	8	2.07
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	8	2.07
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	14	2.07
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	14	2.07
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	14	2.07
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	14	2.07
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	11	2.07
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	11	2.07
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	13	2.07
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	13	2.07
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	19	2.07
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	19	2.07
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	1	2.07
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	1	2.07
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	1	2.07
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	18	2.07
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	18	2.07
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	18	2.07
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	17	2.07
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	17	2.07
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	17	2.07
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	16	2.07
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	16	2.07
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	16	2.07
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	18	2.07
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	18	2.07
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	18	2.07
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	13	2.07
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	13	2.07
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	13	2.07
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	18	2.07
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	18	2.07
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	18	2.07
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	3	2.07
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	3	2.07
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	3	2.07
(1,2875)	1:816:A:LEU:HD12	1:825:A:CYS:HB3	4	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2875)	1:816:A:LEU:HD13	1:825:A:CYS:HB3	4	2.07
(1,2875)	1:816:A:LEU:HD11	1:825:A:CYS:HB3	4	2.07
(1,2864)	1:845:A:LEU:HD11	1:850:A:PHE:HB2	3	2.07
(1,2864)	1:845:A:LEU:HD12	1:850:A:PHE:HB2	3	2.07
(1,2864)	1:845:A:LEU:HD13	1:850:A:PHE:HB2	3	2.07
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	10	2.07
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	10	2.07
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	10	2.07
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	6	2.07
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	6	2.07
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	6	2.07
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	10	2.07
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	10	2.07
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	10	2.07
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	11	2.07
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	11	2.07
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	11	2.07
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	17	2.07
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	17	2.07
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	17	2.07
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	17	2.07
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	17	2.07
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	17	2.07
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	17	2.07
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	17	2.07
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	17	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	1	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	1	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	1	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	3	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	3	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	3	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	9	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	9	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	9	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	19	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	19	2.07
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	19	2.07
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	5	2.07
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	5	2.07
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	5	2.07
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	6	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	6	2.07
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	6	2.07
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	10	2.07
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	11	2.07
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	15	2.07
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	15	2.07
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	15	2.07
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	16	2.07
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	16	2.07
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	16	2.07
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	16	2.07
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	19	2.07
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	19	2.07
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	19	2.07
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	19	2.07
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	12	2.07
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	12	2.07
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	10	2.07
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	10	2.07
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	10	2.07
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	9	2.07
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	9	2.07
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	9	2.07
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	9	2.07
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	11	2.07
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	11	2.07
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	11	2.07
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	11	2.07
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	11	2.07
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	11	2.07
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	19	2.07
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	19	2.07
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	19	2.07
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	19	2.07
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	19	2.07
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	19	2.07
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	14	2.07
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	14	2.07
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	14	2.07
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	6	2.07
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	9	2.07
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	5	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	5	2.07
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	4	2.07
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	4	2.07
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	3	2.07
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	11	2.07
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	11	2.07
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	18	2.07
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	18	2.07
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	18	2.07
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	18	2.07
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	18	2.07
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	18	2.07
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	8	2.07
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	8	2.07
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	8	2.07
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	8	2.07
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	8	2.07
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	8	2.07
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	16	2.07
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	16	2.07
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	16	2.07
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	16	2.07
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	16	2.07
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	16	2.07
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	19	2.07
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	19	2.07
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	19	2.07
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	19	2.07
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	19	2.07
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	19	2.07
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	8	2.07
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	8	2.07
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	10	2.07
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	10	2.07
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	20	2.07
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	20	2.07
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	20	2.07
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	20	2.07
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	20	2.07
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	20	2.07
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	1	2.07
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	1	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	1	2.07
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	12	2.07
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	12	2.07
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	12	2.07
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	12	2.07
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	12	2.07
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	12	2.07
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	14	2.07
(1,1858)	1:890:A:SER:H	1:893:A:GLN:HE21	11	2.07
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	5	2.07
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	5	2.07
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	17	2.07
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	17	2.07
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	17	2.07
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	20	2.07
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	20	2.07
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	20	2.07
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	2	2.07
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	2	2.07
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	2	2.07
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	11	2.07
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	11	2.07
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	12	2.07
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	12	2.07
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	12	2.07
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	18	2.07
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	18	2.07
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	18	2.07
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	15	2.07
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	15	2.07
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	2	2.07
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	2	2.07
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	2	2.07
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	20	2.07
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	20	2.07
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	20	2.07
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	3	2.07
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	3	2.07
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	3	2.07
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	8	2.07
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	8	2.07
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	8	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	9	2.07
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	9	2.07
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	9	2.07
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	17	2.07
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	17	2.07
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	17	2.07
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	8	2.07
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	8	2.07
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	8	2.07
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	14	2.07
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	14	2.07
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	14	2.07
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	11	2.07
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	11	2.07
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	11	2.07
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	5	2.07
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	5	2.07
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	5	2.07
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	15	2.07
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	8	2.07
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	8	2.07
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	8	2.07
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	5	2.07
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	5	2.07
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	5	2.07
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	5	2.07
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	15	2.07
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	15	2.07
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	15	2.07
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	9	2.07
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	9	2.07
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	9	2.07
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	9	2.07
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	9	2.07
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	1	2.07
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	1	2.07
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	1	2.07
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	6	2.07
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	6	2.07
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	6	2.07
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	6	2.07
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	6	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	6	2.07
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	6	2.07
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	6	2.07
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	6	2.07
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	19	2.07
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	19	2.07
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	19	2.07
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	19	2.07
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	19	2.07
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	19	2.07
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	19	2.07
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	19	2.07
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	19	2.07
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	4	2.07
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	3	2.07
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	3	2.07
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	3	2.07
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	16	2.07
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	16	2.07
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	16	2.07
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	12	2.07
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	12	2.07
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	12	2.07
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	12	2.07
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	12	2.07
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	12	2.07
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	12	2.07
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	12	2.07
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	12	2.07
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	14	2.07
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	14	2.07
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	14	2.07
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	14	2.07
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	14	2.07
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	14	2.07
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	14	2.07
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	14	2.07
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	14	2.07
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	11	2.07
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	11	2.07
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	20	2.07
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	20	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	17	2.07
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	17	2.07
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	1	2.07
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	1	2.07
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	1	2.07
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	1	2.07
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	1	2.07
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	1	2.07
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	13	2.07
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	13	2.07
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	13	2.07
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	13	2.07
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	13	2.07
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	13	2.07
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	4	2.07
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	4	2.07
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	4	2.07
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	18	2.07
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	18	2.07
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	18	2.07
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	19	2.07
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	19	2.07
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	19	2.07
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	11	2.07
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	11	2.07
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	11	2.07
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	11	2.07
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	11	2.07
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	11	2.07
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	11	2.07
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	11	2.07
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	11	2.07
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	4	2.07
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	4	2.07
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	4	2.07
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	4	2.07
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	4	2.07
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	4	2.07
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	4	2.07
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	4	2.07
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	4	2.07
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	9	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	5	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	5	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	5	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	6	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	6	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	6	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	8	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	8	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	8	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	9	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	9	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	9	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	13	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	13	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	13	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	14	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	14	2.07
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	14	2.07
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	4	2.07
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	4	2.07
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	4	2.07
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	4	2.07
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	4	2.07
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	4	2.07
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	4	2.07
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	4	2.07
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	4	2.07
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	12	2.07
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	12	2.07
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	12	2.07
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	12	2.07
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	12	2.07
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	12	2.07
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	12	2.07
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	12	2.07
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	12	2.07
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	1	2.07
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	1	2.07
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	3	2.07
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	3	2.07
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	3	2.07
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	18	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	18	2.07
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	18	2.07
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	18	2.07
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	18	2.07
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	18	2.07
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	6	2.07
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	6	2.07
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	6	2.07
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	6	2.07
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	6	2.07
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	6	2.07
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	6	2.07
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	6	2.07
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	6	2.07
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	14	2.07
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	14	2.07
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	14	2.07
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	14	2.07
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	14	2.07
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	14	2.07
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	14	2.07
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	14	2.07
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	14	2.07
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	16	2.07
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	16	2.07
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	16	2.07
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	16	2.07
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	16	2.07
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	16	2.07
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	16	2.07
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	16	2.07
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	16	2.07
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	2	2.07
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	2	2.07
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	2	2.07
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	2	2.07
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	2	2.07
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	2	2.07
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	15	2.07
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	15	2.07
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	15	2.07
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	8	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	8	2.07
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	8	2.07
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	8	2.07
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	12	2.07
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	12	2.07
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	12	2.07
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	12	2.07
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	12	2.07
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	12	2.07
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG21	17	2.07
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG22	17	2.07
(1,219)	1:809:A:PHE:HE2	1:832:A:THR:HG23	17	2.07
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG21	17	2.07
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG22	17	2.07
(1,219)	1:809:A:PHE:HE1	1:832:A:THR:HG23	17	2.07
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	16	2.07
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	11	2.07
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	11	2.07
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	7	2.07
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	7	2.07
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	7	2.07
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	13	2.07
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	13	2.07
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	13	2.07
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	3	2.07
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	3	2.07
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	3	2.07
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	3	2.07
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	3	2.07
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	3	2.07
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	3	2.07
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	3	2.07
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	3	2.07
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	19	2.07
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	19	2.07
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	19	2.07
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	19	2.07
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	19	2.07
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	19	2.07
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	16	2.07
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	16	2.07
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	16	2.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	7	2.07
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	20	2.07
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG22	12	2.07
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG23	12	2.07
(1,93)	1:813:A:ILE:HG21	1:849:A:THR:HG21	12	2.07
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG22	12	2.07
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG23	12	2.07
(1,93)	1:813:A:ILE:HG22	1:849:A:THR:HG21	12	2.07
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG22	12	2.07
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG23	12	2.07
(1,93)	1:813:A:ILE:HG23	1:849:A:THR:HG21	12	2.07
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	20	2.07
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	20	2.07
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	20	2.07
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	4	2.06
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	4	2.06
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	4	2.06
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	4	2.06
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	4	2.06
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	4	2.06
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	20	2.06
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	20	2.06
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	20	2.06
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	20	2.06
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	15	2.06
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	15	2.06
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG3	14	2.06
(1,3335)	1:896:A:LEU:HD21	1:899:A:GLN:HG2	14	2.06
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG3	14	2.06
(1,3335)	1:896:A:LEU:HD22	1:899:A:GLN:HG2	14	2.06
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG3	14	2.06
(1,3335)	1:896:A:LEU:HD23	1:899:A:GLN:HG2	14	2.06
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	9	2.06
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	9	2.06
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	9	2.06
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	9	2.06
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	9	2.06
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	9	2.06
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	20	2.06
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	20	2.06
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	20	2.06
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	20	2.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	20	2.06
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	20	2.06
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	17	2.06
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	17	2.06
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	19	2.06
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	19	2.06
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	13	2.06
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	13	2.06
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	13	2.06
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	13	2.06
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	13	2.06
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	13	2.06
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	6	2.06
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	6	2.06
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	6	2.06
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	6	2.06
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	6	2.06
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	6	2.06
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	14	2.06
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	14	2.06
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	20	2.06
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	20	2.06
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	20	2.06
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	20	2.06
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	20	2.06
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	20	2.06
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	11	2.06
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	11	2.06
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	3	2.06
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	3	2.06
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	8	2.06
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	8	2.06
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	9	2.06
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	9	2.06
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	19	2.06
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	19	2.06
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	2	2.06
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	2	2.06
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	6	2.06
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	6	2.06
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	10	2.06
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	10	2.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	10	2.06
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	13	2.06
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	13	2.06
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	13	2.06
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	5	2.06
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	3	2.06
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	14	2.06
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	14	2.06
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	14	2.06
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	2	2.06
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	2	2.06
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	3	2.06
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	3	2.06
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	3	2.06
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	2	2.06
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	2	2.06
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	2	2.06
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	13	2.06
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	13	2.06
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	13	2.06
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	2	2.06
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	2	2.06
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	2	2.06
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	10	2.06
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	10	2.06
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	10	2.06
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	8	2.06
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	8	2.06
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	8	2.06
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	1	2.06
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	1	2.06
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	1	2.06
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	18	2.06
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	18	2.06
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	18	2.06
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	10	2.06
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	10	2.06
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	10	2.06
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	18	2.06
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	18	2.06
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	18	2.06
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	2	2.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	2	2.06
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	2	2.06
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	8	2.06
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	8	2.06
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	8	2.06
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	11	2.06
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	11	2.06
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	11	2.06
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD1	18	2.06
(1,2695)	1:897:A:ILE:HG21	1:924:A:TYR:HD2	18	2.06
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD1	18	2.06
(1,2695)	1:897:A:ILE:HG22	1:924:A:TYR:HD2	18	2.06
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD1	18	2.06
(1,2695)	1:897:A:ILE:HG23	1:924:A:TYR:HD2	18	2.06
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	5	2.06
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	5	2.06
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	5	2.06
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	13	2.06
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	13	2.06
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	13	2.06
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	19	2.06
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	19	2.06
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	19	2.06
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	19	2.06
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	2	2.06
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	2	2.06
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	2	2.06
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	2	2.06
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	2	2.06
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	2	2.06
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	6	2.06
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	6	2.06
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	6	2.06
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	18	2.06
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	18	2.06
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	18	2.06
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	15	2.06
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	15	2.06
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	3	2.06
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	3	2.06
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	3	2.06
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	6	2.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	6	2.06
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	6	2.06
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	19	2.06
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	19	2.06
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	19	2.06
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	19	2.06
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	19	2.06
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	4	2.06
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	4	2.06
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	1	2.06
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	1	2.06
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	19	2.06
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	5	2.06
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	5	2.06
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	15	2.06
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	15	2.06
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	15	2.06
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	15	2.06
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	15	2.06
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	15	2.06
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD1	6	2.06
(1,2375)	1:845:A:LEU:HD11	1:850:A:PHE:HD2	6	2.06
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD1	6	2.06
(1,2375)	1:845:A:LEU:HD12	1:850:A:PHE:HD2	6	2.06
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD1	6	2.06
(1,2375)	1:845:A:LEU:HD13	1:850:A:PHE:HD2	6	2.06
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	15	2.06
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	15	2.06
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	15	2.06
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	17	2.06
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	17	2.06
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	17	2.06
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	17	2.06
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	17	2.06
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	17	2.06
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	17	2.06
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	17	2.06
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	17	2.06
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	17	2.06
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	17	2.06
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	1	2.06
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	1	2.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	1	2.06
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	1	2.06
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	1	2.06
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	1	2.06
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	15	2.06
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	15	2.06
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	15	2.06
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	15	2.06
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	15	2.06
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	15	2.06
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	17	2.06
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	17	2.06
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	17	2.06
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	17	2.06
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	17	2.06
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	17	2.06
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	13	2.06
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	13	2.06
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	4	2.06
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	4	2.06
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	14	2.06
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	14	2.06
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	20	2.06
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	20	2.06
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	20	2.06
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	3	2.06
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	3	2.06
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	20	2.06
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	20	2.06
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	10	2.06
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	10	2.06
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	10	2.06
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	16	2.06
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	16	2.06
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	13	2.06
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	13	2.06
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	2	2.06
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	2	2.06
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	10	2.06
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	13	2.06
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	13	2.06
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	13	2.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	1	2.06
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	10	2.06
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	10	2.06
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	10	2.06
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	16	2.06
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	16	2.06
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	16	2.06
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	16	2.06
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	16	2.06
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	16	2.06
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	5	2.06
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	5	2.06
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	5	2.06
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	14	2.06
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	14	2.06
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	14	2.06
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	10	2.06
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	10	2.06
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	10	2.06
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	4	2.06
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	4	2.06
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	4	2.06
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	5	2.06
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	5	2.06
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	5	2.06
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	4	2.06
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	14	2.06
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	14	2.06
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	14	2.06
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	16	2.06
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	16	2.06
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	16	2.06
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	13	2.06
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	13	2.06
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	13	2.06
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	13	2.06
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	13	2.06
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	13	2.06
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	16	2.06
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	16	2.06
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	20	2.06
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	20	2.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	20	2.06
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	18	2.06
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	18	2.06
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	18	2.06
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	18	2.06
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	18	2.06
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	18	2.06
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	9	2.06
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	9	2.06
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	9	2.06
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	13	2.06
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	13	2.06
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	13	2.06
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	6	2.06
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	6	2.06
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	6	2.06
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	15	2.06
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	15	2.06
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	15	2.06
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	7	2.06
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	7	2.06
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	7	2.06
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	7	2.06
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	7	2.06
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	7	2.06
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	7	2.06
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	7	2.06
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	7	2.06
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	16	2.06
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	16	2.06
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	16	2.06
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD23	19	2.06
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD21	19	2.06
(1,436)	1:869:A:VAL:HG11	1:900:A:LEU:HD22	19	2.06
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD23	19	2.06
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD21	19	2.06
(1,436)	1:869:A:VAL:HG12	1:900:A:LEU:HD22	19	2.06
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD23	19	2.06
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD21	19	2.06
(1,436)	1:869:A:VAL:HG13	1:900:A:LEU:HD22	19	2.06
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	12	2.06
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	12	2.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	12	2.06
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	18	2.06
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	18	2.06
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	18	2.06
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	16	2.06
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	16	2.06
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	16	2.06
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	16	2.06
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	16	2.06
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	16	2.06
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	16	2.06
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	16	2.06
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	16	2.06
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	20	2.06
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	20	2.06
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	14	2.06
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	14	2.06
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	2	2.06
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	2	2.06
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	18	2.06
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	18	2.06
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	8	2.06
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	8	2.06
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	8	2.06
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	8	2.06
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	8	2.06
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	8	2.06
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	8	2.06
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	8	2.06
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	8	2.06
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	9	2.06
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	9	2.06
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	9	2.06
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	9	2.06
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	9	2.06
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	9	2.06
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	9	2.06
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	9	2.06
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	9	2.06
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	9	2.06
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	9	2.06
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	9	2.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	9	2.06
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	9	2.06
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	9	2.06
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	20	2.06
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	20	2.06
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	20	2.06
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	4	2.06
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	4	2.06
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	4	2.06
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	13	2.06
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	13	2.06
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	13	2.06
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	16	2.06
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	16	2.06
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	16	2.06
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	11	2.06
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	11	2.06
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	11	2.06
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	18	2.06
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	18	2.06
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	18	2.06
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	18	2.06
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	18	2.06
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	18	2.06
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	13	2.06
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	13	2.06
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	13	2.06
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	13	2.06
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	20	2.06
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	20	2.06
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	20	2.06
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	20	2.06
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	7	2.06
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	7	2.06
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	7	2.06
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	7	2.06
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	7	2.06
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	7	2.06
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	3	2.06
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	3	2.06
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	3	2.06
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	1	2.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	18	2.06
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	18	2.06
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	18	2.06
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	13	2.06
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	13	2.06
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	13	2.06
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	6	2.06
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	6	2.06
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	6	2.06
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	12	2.05
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	12	2.05
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	17	2.05
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	17	2.05
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	17	2.05
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	17	2.05
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	17	2.05
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	17	2.05
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	10	2.05
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	10	2.05
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	10	2.05
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	10	2.05
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	11	2.05
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	11	2.05
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	11	2.05
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	11	2.05
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	11	2.05
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	11	2.05
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	16	2.05
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	16	2.05
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	16	2.05
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	16	2.05
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	16	2.05
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	16	2.05
(1,3330)	1:895:A:GLU:HB2	1:899:A:GLN:HE21	11	2.05
(1,3330)	1:895:A:GLU:HB3	1:899:A:GLN:HE21	11	2.05
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	5	2.05
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	5	2.05
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	17	2.05
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	17	2.05
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	17	2.05
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	17	2.05
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	17	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	17	2.05
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	3	2.05
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	3	2.05
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB2	13	2.05
(1,3305)	1:882:A:PHE:HA	1:885:A:MET:HB3	13	2.05
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	16	2.05
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	16	2.05
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	3	2.05
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	3	2.05
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	3	2.05
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	3	2.05
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	3	2.05
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	3	2.05
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	18	2.05
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	18	2.05
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	18	2.05
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	18	2.05
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	18	2.05
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	18	2.05
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	10	2.05
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	10	2.05
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	10	2.05
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	10	2.05
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	10	2.05
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	10	2.05
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	5	2.05
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	5	2.05
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	9	2.05
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	9	2.05
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	11	2.05
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	11	2.05
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	11	2.05
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	11	2.05
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	11	2.05
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	11	2.05
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	11	2.05
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	11	2.05
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	16	2.05
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	16	2.05
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	16	2.05
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	16	2.05
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	7	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	7	2.05
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	7	2.05
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	14	2.05
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	14	2.05
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	14	2.05
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	17	2.05
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	17	2.05
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	17	2.05
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	15	2.05
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	15	2.05
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	15	2.05
(1,2918)	1:862:A:ILE:HG21	1:903:A:ASP:HB3	9	2.05
(1,2918)	1:862:A:ILE:HG22	1:903:A:ASP:HB3	9	2.05
(1,2918)	1:862:A:ILE:HG23	1:903:A:ASP:HB3	9	2.05
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	7	2.05
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	7	2.05
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	7	2.05
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	1	2.05
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	1	2.05
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	1	2.05
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	20	2.05
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	20	2.05
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	20	2.05
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	7	2.05
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	7	2.05
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	7	2.05
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	19	2.05
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	19	2.05
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	19	2.05
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	1	2.05
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	1	2.05
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	1	2.05
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	3	2.05
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	3	2.05
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	3	2.05
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	4	2.05
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	4	2.05
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	4	2.05
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	8	2.05
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	8	2.05
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	8	2.05
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	19	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	19	2.05
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	19	2.05
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	8	2.05
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	8	2.05
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	8	2.05
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	3	2.05
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	3	2.05
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	3	2.05
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	3	2.05
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	3	2.05
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	3	2.05
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	3	2.05
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	3	2.05
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	3	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	4	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	4	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	4	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	8	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	8	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	8	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	12	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	12	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	12	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	13	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	13	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	13	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	14	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	14	2.05
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	14	2.05
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	6	2.05
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	6	2.05
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	6	2.05
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	14	2.05
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	14	2.05
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	14	2.05
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	5	2.05
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	5	2.05
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	5	2.05
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	18	2.05
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	18	2.05
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	18	2.05
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	1	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	1	2.05
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	1	2.05
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	10	2.05
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	5	2.05
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	5	2.05
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	5	2.05
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	12	2.05
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	12	2.05
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	12	2.05
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	12	2.05
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	5	2.05
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	5	2.05
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	4	2.05
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	4	2.05
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	4	2.05
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	11	2.05
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	11	2.05
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	11	2.05
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	8	2.05
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	8	2.05
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	8	2.05
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	8	2.05
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	8	2.05
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	8	2.05
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	12	2.05
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	9	2.05
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	9	2.05
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	20	2.05
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	20	2.05
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	10	2.05
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	10	2.05
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	20	2.05
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	20	2.05
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	5	2.05
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	5	2.05
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	11	2.05
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	11	2.05
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	6	2.05
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	6	2.05
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	6	2.05
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	6	2.05
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	6	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	6	2.05
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	20	2.05
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	20	2.05
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	20	2.05
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	20	2.05
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	20	2.05
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	20	2.05
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	20	2.05
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	20	2.05
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	20	2.05
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	20	2.05
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	20	2.05
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	20	2.05
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	14	2.05
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	14	2.05
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	14	2.05
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	13	2.05
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	13	2.05
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	13	2.05
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	16	2.05
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	16	2.05
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	16	2.05
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	12	2.05
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	12	2.05
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	12	2.05
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	12	2.05
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	12	2.05
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	12	2.05
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	16	2.05
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	16	2.05
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	1	2.05
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	1	2.05
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	1	2.05
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	1	2.05
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	1	2.05
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	1	2.05
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	19	2.05
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	19	2.05
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	19	2.05
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	19	2.05
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	19	2.05
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	19	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	6	2.05
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	6	2.05
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	6	2.05
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	10	2.05
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	10	2.05
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	10	2.05
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	2	2.05
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	2	2.05
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	2	2.05
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	2	2.05
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	2	2.05
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	2	2.05
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	2	2.05
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	9	2.05
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	9	2.05
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	9	2.05
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	15	2.05
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	15	2.05
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	15	2.05
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	16	2.05
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	16	2.05
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	16	2.05
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	16	2.05
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	16	2.05
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	8	2.05
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	8	2.05
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	8	2.05
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	19	2.05
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	19	2.05
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	19	2.05
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	6	2.05
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	19	2.05
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	8	2.05
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	8	2.05
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	19	2.05
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	19	2.05
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	12	2.05
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	18	2.05
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	18	2.05
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	18	2.05
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	8	2.05
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	8	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	2	2.05
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	12	2.05
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	13	2.05
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	13	2.05
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	13	2.05
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	5	2.05
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	19	2.05
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	19	2.05
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	2	2.05
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	2	2.05
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	2	2.05
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	6	2.05
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	6	2.05
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	6	2.05
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	11	2.05
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	11	2.05
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	11	2.05
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	15	2.05
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	15	2.05
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	15	2.05
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	12	2.05
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	12	2.05
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	12	2.05
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	2	2.05
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	2	2.05
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	2	2.05
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	18	2.05
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	18	2.05
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	18	2.05
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	13	2.05
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	13	2.05
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	13	2.05
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	1	2.05
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	1	2.05
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	1	2.05
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	1	2.05
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	1	2.05
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	1	2.05
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	1	2.05
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	1	2.05
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	1	2.05
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	16	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	16	2.05
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	16	2.05
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	16	2.05
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	16	2.05
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	16	2.05
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	16	2.05
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	16	2.05
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	16	2.05
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	9	2.05
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	9	2.05
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	9	2.05
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	19	2.05
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	19	2.05
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	19	2.05
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	1	2.05
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	1	2.05
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	1	2.05
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	7	2.05
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	7	2.05
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	7	2.05
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	15	2.05
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	15	2.05
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	15	2.05
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD11	8	2.05
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD12	8	2.05
(1,750)	1:917:A:ILE:HG21	1:917:A:ILE:HD13	8	2.05
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD11	8	2.05
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD12	8	2.05
(1,750)	1:917:A:ILE:HG22	1:917:A:ILE:HD13	8	2.05
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD11	8	2.05
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD12	8	2.05
(1,750)	1:917:A:ILE:HG23	1:917:A:ILE:HD13	8	2.05
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	2	2.05
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	6	2.05
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	6	2.05
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	6	2.05
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	1	2.05
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	1	2.05
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	20	2.05
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	20	2.05
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG12	7	2.05
(1,592)	1:889:A:ILE:HG21	1:889:A:ILE:HG13	7	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG12	7	2.05
(1,592)	1:889:A:ILE:HG22	1:889:A:ILE:HG13	7	2.05
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG12	7	2.05
(1,592)	1:889:A:ILE:HG23	1:889:A:ILE:HG13	7	2.05
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	7	2.05
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	7	2.05
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	5	2.05
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	5	2.05
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	5	2.05
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	5	2.05
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	5	2.05
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	5	2.05
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	10	2.05
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	10	2.05
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	10	2.05
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	3	2.05
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	3	2.05
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	3	2.05
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	18	2.05
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	18	2.05
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	18	2.05
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	14	2.05
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	14	2.05
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	12	2.05
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	12	2.05
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	12	2.05
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	12	2.05
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	12	2.05
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	12	2.05
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	3	2.05
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	3	2.05
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	3	2.05
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	10	2.05
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	10	2.05
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	10	2.05
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	10	2.05
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	10	2.05
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	10	2.05
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	10	2.05
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	10	2.05
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	10	2.05
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	18	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	18	2.05
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	18	2.05
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	18	2.05
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	18	2.05
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	18	2.05
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	18	2.05
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	18	2.05
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	18	2.05
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	2	2.05
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	2	2.05
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	2	2.05
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	11	2.05
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	11	2.05
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	11	2.05
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	11	2.05
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	11	2.05
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	11	2.05
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	11	2.05
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	11	2.05
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	11	2.05
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	8	2.05
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	8	2.05
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	8	2.05
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	1	2.05
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	1	2.05
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	1	2.05
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	8	2.05
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	8	2.05
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	8	2.05
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	9	2.05
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	9	2.05
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	9	2.05
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	11	2.05
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	11	2.05
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	11	2.05
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	11	2.05
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	11	2.05
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	11	2.05
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	11	2.05
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	11	2.05
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	11	2.05
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG21	16	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG22	16	2.05
(1,396)	1:862:A:ILE:HD11	1:869:A:VAL:HG23	16	2.05
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG21	16	2.05
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG22	16	2.05
(1,396)	1:862:A:ILE:HD12	1:869:A:VAL:HG23	16	2.05
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG21	16	2.05
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG22	16	2.05
(1,396)	1:862:A:ILE:HD13	1:869:A:VAL:HG23	16	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	7	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	7	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	7	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	7	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	7	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	7	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	7	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	7	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	7	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	10	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	10	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	10	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	10	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	10	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	10	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	10	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	10	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	10	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	12	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	12	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	12	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	12	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	12	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	12	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	12	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	12	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	12	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	17	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	17	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	17	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	17	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	17	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	17	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	17	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	17	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	17	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	18	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	18	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	18	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	18	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	18	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	18	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	18	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	18	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	18	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	20	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	20	2.05
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	20	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	20	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	20	2.05
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	20	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	20	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	20	2.05
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	20	2.05
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	8	2.05
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	8	2.05
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	8	2.05
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	8	2.05
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	8	2.05
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	8	2.05
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	15	2.05
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	15	2.05
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	15	2.05
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	15	2.05
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	15	2.05
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	15	2.05
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	19	2.05
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	19	2.05
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	19	2.05
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	1	2.05
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	1	2.05
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	1	2.05
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	1	2.05
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	1	2.05
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	1	2.05
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	1	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	1	2.05
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	1	2.05
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	4	2.05
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	4	2.05
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	4	2.05
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	6	2.05
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	6	2.05
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	6	2.05
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	7	2.05
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	7	2.05
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	7	2.05
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	13	2.05
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	13	2.05
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	13	2.05
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	14	2.05
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	14	2.05
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	14	2.05
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	6	2.05
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	6	2.05
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	6	2.05
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	2	2.05
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	2	2.05
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	2	2.05
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	2	2.05
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	2	2.05
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	2	2.05
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	16	2.05
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	16	2.05
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	16	2.05
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	16	2.05
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	16	2.05
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	16	2.05
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	16	2.05
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	16	2.05
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	10	2.05
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	10	2.05
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	10	2.05
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	13	2.05
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	13	2.05
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	13	2.05
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	9	2.05
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	9	2.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	9	2.05
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	9	2.05
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	9	2.05
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	9	2.05
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	9	2.05
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	9	2.05
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	9	2.05
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	10	2.05
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	10	2.05
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	10	2.05
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	10	2.05
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	10	2.05
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	10	2.05
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	10	2.05
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	10	2.05
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	10	2.05
(1,82)	1:810:A:GLY:HA2	1:813:A:ILE:HB	14	2.05
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	10	2.05
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	10	2.05
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	10	2.05
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	8	2.04
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	8	2.04
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD22	2	2.04
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD23	2	2.04
(1,3341)	1:898:A:GLU:HG2	1:926:A:LEU:HD21	2	2.04
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	2	2.04
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	2	2.04
(1,3341)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	2	2.04
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	17	2.04
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	17	2.04
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	17	2.04
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	17	2.04
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	17	2.04
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	17	2.04
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	7	2.04
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	7	2.04
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	7	2.04
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	7	2.04
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	7	2.04
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	7	2.04
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	14	2.04
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	14	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	14	2.04
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	14	2.04
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	14	2.04
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	14	2.04
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	18	2.04
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	18	2.04
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	9	2.04
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	9	2.04
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	9	2.04
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	9	2.04
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	9	2.04
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	9	2.04
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	13	2.04
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	13	2.04
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	20	2.04
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	20	2.04
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	20	2.04
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	20	2.04
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	17	2.04
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	17	2.04
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	8	2.04
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	8	2.04
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	8	2.04
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	2	2.04
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	14	2.04
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	1	2.04
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	1	2.04
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	1	2.04
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	16	2.04
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	16	2.04
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	8	2.04
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	8	2.04
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	8	2.04
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	1	2.04
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	1	2.04
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	1	2.04
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	1	2.04
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	1	2.04
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	1	2.04
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	6	2.04
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	6	2.04
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	6	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	3	2.04
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	3	2.04
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	3	2.04
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	14	2.04
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	14	2.04
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	14	2.04
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	1	2.04
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	1	2.04
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	1	2.04
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	14	2.04
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	14	2.04
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	14	2.04
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	16	2.04
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	16	2.04
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	16	2.04
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	16	2.04
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	16	2.04
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	16	2.04
(1,2839)	1:854:A:ILE:HD11	1:900:A:LEU:HB2	18	2.04
(1,2839)	1:854:A:ILE:HD12	1:900:A:LEU:HB2	18	2.04
(1,2839)	1:854:A:ILE:HD13	1:900:A:LEU:HB2	18	2.04
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	13	2.04
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	13	2.04
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	13	2.04
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	13	2.04
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	13	2.04
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	13	2.04
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	13	2.04
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	13	2.04
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	13	2.04
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	4	2.04
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	4	2.04
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	4	2.04
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	5	2.04
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	5	2.04
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	5	2.04
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	2	2.04
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	2	2.04
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	2	2.04
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	5	2.04
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	5	2.04
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	5	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	15	2.04
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	15	2.04
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	15	2.04
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	20	2.04
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	20	2.04
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	20	2.04
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	12	2.04
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	12	2.04
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	12	2.04
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	16	2.04
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	16	2.04
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	16	2.04
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	18	2.04
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	18	2.04
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	18	2.04
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	18	2.04
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	18	2.04
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	18	2.04
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	14	2.04
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	14	2.04
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	14	2.04
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	17	2.04
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	17	2.04
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	17	2.04
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	2	2.04
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	19	2.04
(1,2712)	1:862:A:ILE:HA	1:866:A:PRO:HB3	13	2.04
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	6	2.04
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	6	2.04
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	6	2.04
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	6	2.04
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	12	2.04
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	12	2.04
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	7	2.04
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	7	2.04
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	7	2.04
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	9	2.04
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	9	2.04
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	20	2.04
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	20	2.04
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	20	2.04
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	7	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	7	2.04
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	7	2.04
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	14	2.04
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	14	2.04
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	14	2.04
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	14	2.04
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	17	2.04
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	17	2.04
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	17	2.04
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	17	2.04
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	17	2.04
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	17	2.04
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	10	2.04
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	12	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	6	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	6	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	10	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	10	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	13	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	13	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	14	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	14	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	15	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	15	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	16	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	16	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	20	2.04
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	20	2.04
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	19	2.04
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	19	2.04
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	16	2.04
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	16	2.04
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE1	4	2.04
(1,2404)	1:805:A:ASN:HA	1:840:A:PHE:HE2	4	2.04
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE1	5	2.04
(1,2389)	1:874:A:LEU:HD21	1:875:A:TYR:HE2	5	2.04
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE1	5	2.04
(1,2389)	1:874:A:LEU:HD22	1:875:A:TYR:HE2	5	2.04
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE1	5	2.04
(1,2389)	1:874:A:LEU:HD23	1:875:A:TYR:HE2	5	2.04
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	2	2.04
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	2	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	8	2.04
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	8	2.04
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	8	2.04
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	6	2.04
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	6	2.04
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	6	2.04
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	6	2.04
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	6	2.04
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	6	2.04
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	5	2.04
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	5	2.04
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	5	2.04
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	9	2.04
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	9	2.04
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	9	2.04
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	15	2.04
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	15	2.04
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	7	2.04
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	7	2.04
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	7	2.04
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	7	2.04
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	7	2.04
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	7	2.04
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	6	2.04
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	6	2.04
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	12	2.04
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	12	2.04
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	14	2.04
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	14	2.04
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	14	2.04
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	9	2.04
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	9	2.04
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	9	2.04
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	9	2.04
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	9	2.04
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	9	2.04
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	15	2.04
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	15	2.04
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	15	2.04
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	15	2.04
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	15	2.04
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	15	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	1	2.04
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	1	2.04
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	1	2.04
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	5	2.04
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	5	2.04
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	5	2.04
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	12	2.04
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	12	2.04
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	12	2.04
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	20	2.04
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	4	2.04
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	4	2.04
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	4	2.04
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	11	2.04
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	11	2.04
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	11	2.04
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	6	2.04
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	6	2.04
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	9	2.04
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	9	2.04
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	9	2.04
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	10	2.04
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	10	2.04
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	10	2.04
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	16	2.04
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	19	2.04
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	6	2.04
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	6	2.04
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	6	2.04
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	17	2.04
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	17	2.04
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	17	2.04
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	14	2.04
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	20	2.04
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	13	2.04
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	13	2.04
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	6	2.04
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	6	2.04
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	6	2.04
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	2	2.04
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	2	2.04
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	14	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	14	2.04
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	14	2.04
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	17	2.04
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	17	2.04
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	17	2.04
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	19	2.04
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	19	2.04
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	19	2.04
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	20	2.04
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	20	2.04
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	20	2.04
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	1	2.04
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	1	2.04
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	1	2.04
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	16	2.04
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	16	2.04
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	16	2.04
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	13	2.04
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	13	2.04
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	13	2.04
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	19	2.04
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	19	2.04
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	19	2.04
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	19	2.04
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	19	2.04
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	19	2.04
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	7	2.04
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	7	2.04
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	7	2.04
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	6	2.04
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	6	2.04
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	6	2.04
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	20	2.04
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	20	2.04
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	19	2.04
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	19	2.04
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	19	2.04
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	5	2.04
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	5	2.04
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	5	2.04
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	1	2.04
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	1	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	1	2.04
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	20	2.04
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	20	2.04
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	20	2.04
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	17	2.04
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	17	2.04
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	17	2.04
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	17	2.04
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	17	2.04
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	17	2.04
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	17	2.04
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	17	2.04
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	17	2.04
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	18	2.04
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	18	2.04
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	18	2.04
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	18	2.04
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	18	2.04
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	18	2.04
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	18	2.04
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	18	2.04
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	18	2.04
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	15	2.04
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	15	2.04
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	20	2.04
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	20	2.04
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	15	2.04
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	15	2.04
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	15	2.04
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	10	2.04
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	10	2.04
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	10	2.04
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	19	2.04
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	19	2.04
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	19	2.04
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	19	2.04
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	19	2.04
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	19	2.04
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	19	2.04
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	19	2.04
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	19	2.04
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	19	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	19	2.04
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	19	2.04
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	16	2.04
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	16	2.04
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	6	2.04
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	6	2.04
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	6	2.04
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	9	2.04
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	9	2.04
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	9	2.04
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	3	2.04
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	3	2.04
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	7	2.04
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	7	2.04
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	7	2.04
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	2	2.04
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	2	2.04
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	2	2.04
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	2	2.04
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	2	2.04
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	2	2.04
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	2	2.04
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	2	2.04
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	2	2.04
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	2	2.04
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	2	2.04
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	2	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	2	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	2	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	2	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	2	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	2	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	2	2.04
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	3	2.04
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	3	2.04
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	3	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	3	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	3	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	3	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	3	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	3	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	3	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	5	2.04
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	5	2.04
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	5	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	5	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	5	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	5	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	5	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	5	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	5	2.04
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	11	2.04
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	11	2.04
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	11	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	11	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	11	2.04
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	11	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	11	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	11	2.04
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	11	2.04
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	7	2.04
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	7	2.04
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	7	2.04
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	7	2.04
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	7	2.04
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	7	2.04
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	7	2.04
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	7	2.04
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	7	2.04
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	13	2.04
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	13	2.04
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	13	2.04
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	13	2.04
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	13	2.04
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	13	2.04
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	13	2.04
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	13	2.04
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	13	2.04
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	8	2.04
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	8	2.04
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	8	2.04
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	3	2.04
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	3	2.04
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	3	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	17	2.04
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	17	2.04
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	17	2.04
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	4	2.04
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	4	2.04
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	4	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	3	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	3	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	3	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	4	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	4	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	4	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	16	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	16	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	16	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	18	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	18	2.04
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	18	2.04
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	8	2.04
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	8	2.04
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	8	2.04
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	12	2.04
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	3	2.04
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	3	2.04
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	3	2.04
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	3	2.04
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	3	2.04
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	3	2.04
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	14	2.04
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	14	2.04
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	14	2.04
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	18	2.04
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	18	2.04
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	18	2.04
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	18	2.04
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	18	2.04
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	18	2.04
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	18	2.04
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	18	2.04
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	18	2.04
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	13	2.04
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	13	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	13	2.04
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	13	2.04
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	13	2.04
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	13	2.04
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	6	2.04
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	6	2.04
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	6	2.04
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	2	2.04
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	2	2.04
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	2	2.04
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	2	2.04
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	2	2.04
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	2	2.04
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	2	2.04
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	2	2.04
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	2	2.04
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	8	2.04
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	8	2.04
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	8	2.04
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	8	2.04
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	8	2.04
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	8	2.04
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	8	2.04
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	8	2.04
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	8	2.04
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	12	2.04
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	12	2.04
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	12	2.04
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	12	2.04
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	12	2.04
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	12	2.04
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	12	2.04
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	12	2.04
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	12	2.04
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	2	2.04
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	2	2.04
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	2	2.04
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	14	2.04
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	14	2.04
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	14	2.04
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	6	2.04
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	6	2.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	6	2.04
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	2	2.03
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	2	2.03
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	2	2.03
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	2	2.03
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	2	2.03
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	2	2.03
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	2	2.03
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	2	2.03
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	2	2.03
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	2	2.03
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	2	2.03
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	2	2.03
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	1	2.03
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	1	2.03
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	10	2.03
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	10	2.03
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	10	2.03
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	10	2.03
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	10	2.03
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	10	2.03
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	2	2.03
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	2	2.03
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	2	2.03
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	2	2.03
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	2	2.03
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	2	2.03
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	13	2.03
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	13	2.03
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	13	2.03
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	13	2.03
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	10	2.03
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	10	2.03
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	8	2.03
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	8	2.03
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	8	2.03
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	2	2.03
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	2	2.03
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	2	2.03
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	2	2.03
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	2	2.03
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	2	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	15	2.03
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	15	2.03
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	15	2.03
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	15	2.03
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	15	2.03
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	15	2.03
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	1	2.03
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	1	2.03
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	12	2.03
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	12	2.03
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	2	2.03
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	2	2.03
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	2	2.03
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	2	2.03
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	10	2.03
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	10	2.03
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	18	2.03
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	1	2.03
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	1	2.03
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	1	2.03
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	1	2.03
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	9	2.03
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	9	2.03
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	9	2.03
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	9	2.03
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	2	2.03
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	2	2.03
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	2	2.03
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	19	2.03
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	19	2.03
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	9	2.03
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	5	2.03
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	5	2.03
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	5	2.03
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	14	2.03
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	14	2.03
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	14	2.03
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	2	2.03
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	2	2.03
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	2	2.03
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	11	2.03
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	11	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	11	2.03
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	19	2.03
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	19	2.03
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	19	2.03
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	2	2.03
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	2	2.03
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	2	2.03
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	2	2.03
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	2	2.03
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	2	2.03
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	2	2.03
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	2	2.03
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	2	2.03
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	5	2.03
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	5	2.03
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	5	2.03
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	5	2.03
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	5	2.03
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	5	2.03
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	5	2.03
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	5	2.03
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	5	2.03
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	10	2.03
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	10	2.03
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	10	2.03
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	17	2.03
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	17	2.03
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	17	2.03
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	2	2.03
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	2	2.03
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	2	2.03
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	2	2.03
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	2	2.03
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	2	2.03
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	3	2.03
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	3	2.03
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	3	2.03
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	1	2.03
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	1	2.03
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	1	2.03
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	1	2.03
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	20	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	20	2.03
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	20	2.03
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	20	2.03
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	20	2.03
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	9	2.03
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	9	2.03
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	9	2.03
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	8	2.03
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	8	2.03
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	8	2.03
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	4	2.03
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	4	2.03
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	4	2.03
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	4	2.03
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	10	2.03
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	10	2.03
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	10	2.03
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	6	2.03
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	6	2.03
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	11	2.03
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	19	2.03
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	7	2.03
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	7	2.03
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	2	2.03
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	2	2.03
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	19	2.03
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	19	2.03
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	9	2.03
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	9	2.03
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	6	2.03
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	6	2.03
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	18	2.03
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	11	2.03
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	16	2.03
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	16	2.03
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	1	2.03
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	1	2.03
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	1	2.03
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	15	2.03
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	15	2.03
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	15	2.03
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	15	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	15	2.03
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	15	2.03
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	11	2.03
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	11	2.03
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	11	2.03
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	11	2.03
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	11	2.03
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	11	2.03
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	1	2.03
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	1	2.03
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	1	2.03
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	1	2.03
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	1	2.03
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	1	2.03
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	20	2.03
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	20	2.03
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	20	2.03
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	20	2.03
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	20	2.03
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	20	2.03
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	4	2.03
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	4	2.03
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	4	2.03
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	12	2.03
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	12	2.03
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	12	2.03
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	19	2.03
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	19	2.03
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	19	2.03
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	3	2.03
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	3	2.03
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	6	2.03
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	6	2.03
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	6	2.03
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	6	2.03
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	6	2.03
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	6	2.03
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	11	2.03
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	11	2.03
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	11	2.03
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	11	2.03
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	3	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	3	2.03
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	14	2.03
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	14	2.03
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	19	2.03
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	19	2.03
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	20	2.03
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	20	2.03
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	1	2.03
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	1	2.03
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	3	2.03
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	3	2.03
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	3	2.03
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	3	2.03
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	3	2.03
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	3	2.03
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	20	2.03
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	20	2.03
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	1	2.03
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	1	2.03
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	1	2.03
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	15	2.03
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	15	2.03
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	15	2.03
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	13	2.03
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	10	2.03
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	10	2.03
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	10	2.03
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	1	2.03
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	1	2.03
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	10	2.03
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	10	2.03
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	10	2.03
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	18	2.03
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	18	2.03
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	18	2.03
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	2	2.03
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	2	2.03
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	2	2.03
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	20	2.03
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	20	2.03
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	19	2.03
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	19	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	19	2.03
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	2	2.03
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	7	2.03
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	17	2.03
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	17	2.03
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	12	2.03
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	12	2.03
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	2	2.03
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	20	2.03
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	20	2.03
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	5	2.03
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	5	2.03
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	5	2.03
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	4	2.03
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	4	2.03
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	14	2.03
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	14	2.03
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	20	2.03
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	20	2.03
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	6	2.03
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	6	2.03
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	6	2.03
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	20	2.03
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	20	2.03
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	20	2.03
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	6	2.03
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	6	2.03
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	6	2.03
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	6	2.03
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	6	2.03
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	6	2.03
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	15	2.03
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	15	2.03
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	15	2.03
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	10	2.03
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	10	2.03
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	10	2.03
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	10	2.03
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	10	2.03
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	10	2.03
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	10	2.03
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	10	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	10	2.03
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	15	2.03
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	15	2.03
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	15	2.03
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	15	2.03
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	11	2.03
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	11	2.03
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	11	2.03
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	19	2.03
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	19	2.03
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	19	2.03
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	2	2.03
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	2	2.03
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	2	2.03
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	15	2.03
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	15	2.03
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	15	2.03
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	17	2.03
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	17	2.03
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	17	2.03
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	12	2.03
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	12	2.03
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	12	2.03
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	12	2.03
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	12	2.03
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	12	2.03
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	11	2.03
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	11	2.03
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	11	2.03
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	1	2.03
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	1	2.03
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	1	2.03
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	13	2.03
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	13	2.03
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	13	2.03
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	13	2.03
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	13	2.03
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	13	2.03
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	13	2.03
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	13	2.03
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	13	2.03
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	7	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	7	2.03
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	7	2.03
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	4	2.03
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	4	2.03
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	4	2.03
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD21	16	2.03
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD22	16	2.03
(1,431)	1:868:A:LEU:HB3	1:868:A:LEU:HD23	16	2.03
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	20	2.03
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	20	2.03
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	20	2.03
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	9	2.03
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	9	2.03
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	9	2.03
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	7	2.03
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	7	2.03
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	7	2.03
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	7	2.03
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	7	2.03
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	7	2.03
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	7	2.03
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	7	2.03
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	7	2.03
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	10	2.03
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	10	2.03
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	10	2.03
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	10	2.03
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	10	2.03
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	10	2.03
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	10	2.03
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	10	2.03
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	10	2.03
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	17	2.03
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	17	2.03
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	17	2.03
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	17	2.03
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	17	2.03
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	17	2.03
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	17	2.03
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	17	2.03
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	17	2.03
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	7	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	7	2.03
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	7	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	1	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	1	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	1	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	1	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	1	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	1	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	1	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	1	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	1	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	4	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	4	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	4	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	4	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	4	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	4	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	4	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	4	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	4	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	13	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	13	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	13	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	13	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	13	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	13	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	13	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	13	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	13	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD11	19	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD12	19	2.03
(1,351)	1:854:A:ILE:HG21	1:854:A:ILE:HD13	19	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD11	19	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD12	19	2.03
(1,351)	1:854:A:ILE:HG22	1:854:A:ILE:HD13	19	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD11	19	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD12	19	2.03
(1,351)	1:854:A:ILE:HG23	1:854:A:ILE:HD13	19	2.03
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	14	2.03
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	14	2.03
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	14	2.03
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	8	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	8	2.03
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	8	2.03
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	18	2.03
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	18	2.03
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	18	2.03
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	16	2.03
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	16	2.03
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	16	2.03
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	16	2.03
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	16	2.03
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	16	2.03
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	17	2.03
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	17	2.03
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	17	2.03
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	10	2.03
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	10	2.03
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	10	2.03
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	10	2.03
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	10	2.03
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	10	2.03
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	10	2.03
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	10	2.03
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	10	2.03
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	17	2.03
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	17	2.03
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	17	2.03
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	2	2.03
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	2	2.03
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	2	2.03
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	10	2.03
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	10	2.03
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	10	2.03
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	1	2.03
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	1	2.03
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	1	2.03
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	1	2.03
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	1	2.03
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	1	2.03
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	15	2.03
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	15	2.03
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	15	2.03
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	15	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG21	14	2.03
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG22	14	2.03
(1,222)	1:828:A:LEU:HD23	1:832:A:THR:HG23	14	2.03
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG21	14	2.03
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG22	14	2.03
(1,222)	1:828:A:LEU:HD21	1:832:A:THR:HG23	14	2.03
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG21	14	2.03
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG22	14	2.03
(1,222)	1:828:A:LEU:HD22	1:832:A:THR:HG23	14	2.03
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	9	2.03
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	9	2.03
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	9	2.03
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	9	2.03
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	9	2.03
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	9	2.03
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	12	2.03
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	12	2.03
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	12	2.03
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	19	2.03
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	19	2.03
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	19	2.03
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	18	2.03
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	18	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	4	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	4	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	4	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	4	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	4	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	4	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	4	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	4	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	4	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	5	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	5	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	5	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	5	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	5	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	5	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	5	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	5	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	5	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	6	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	6	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	6	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	6	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	6	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	6	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	6	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	6	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	6	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	9	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	9	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	9	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	9	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	9	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	9	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	9	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	9	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	9	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	13	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	13	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	13	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	13	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	13	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	13	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	13	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	13	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	13	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	14	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	14	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	14	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	14	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	14	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	14	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	14	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	14	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	14	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	17	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	17	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	17	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	17	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	17	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	17	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	17	2.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	17	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	17	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	19	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	19	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	19	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	19	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	19	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	19	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	19	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	19	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	19	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	20	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	20	2.03
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	20	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	20	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	20	2.03
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	20	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	20	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	20	2.03
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	20	2.03
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	8	2.03
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	8	2.03
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	8	2.03
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	16	2.03
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	16	2.03
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	16	2.03
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	18	2.03
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	18	2.03
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	18	2.03
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	5	2.03
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	5	2.03
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	5	2.03
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	6	2.02
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	6	2.02
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	6	2.02
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	6	2.02
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	6	2.02
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	6	2.02
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	12	2.02
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	12	2.02
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	12	2.02
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	12	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	12	2.02
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	12	2.02
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	17	2.02
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	17	2.02
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	17	2.02
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	17	2.02
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	17	2.02
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	17	2.02
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	12	2.02
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	12	2.02
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	12	2.02
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	12	2.02
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	12	2.02
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	12	2.02
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	15	2.02
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	15	2.02
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	15	2.02
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	15	2.02
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	15	2.02
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	15	2.02
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	16	2.02
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	16	2.02
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	16	2.02
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	16	2.02
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	9	2.02
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	9	2.02
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	5	2.02
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	5	2.02
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	5	2.02
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	5	2.02
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	5	2.02
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	5	2.02
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	6	2.02
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	6	2.02
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	6	2.02
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	6	2.02
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	6	2.02
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	6	2.02
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	20	2.02
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	20	2.02
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	20	2.02
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	20	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	20	2.02
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	20	2.02
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	15	2.02
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	15	2.02
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	4	2.02
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	4	2.02
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	7	2.02
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	7	2.02
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	2	2.02
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	2	2.02
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	15	2.02
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	15	2.02
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	8	2.02
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	8	2.02
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	4	2.02
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	4	2.02
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	4	2.02
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	4	2.02
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	4	2.02
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	4	2.02
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	4	2.02
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	19	2.02
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	19	2.02
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	19	2.02
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	15	2.02
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	11	2.02
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	11	2.02
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	11	2.02
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	13	2.02
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	13	2.02
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	13	2.02
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	10	2.02
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	10	2.02
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	4	2.02
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	7	2.02
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	7	2.02
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	7	2.02
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	1	2.02
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	1	2.02
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	1	2.02
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	12	2.02
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	12	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	12	2.02
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	11	2.02
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	11	2.02
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	11	2.02
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	16	2.02
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	16	2.02
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	16	2.02
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	18	2.02
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	18	2.02
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	18	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	2	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	2	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	2	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	6	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	6	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	6	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	13	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	13	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	13	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	17	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	17	2.02
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	17	2.02
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	16	2.02
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	16	2.02
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	16	2.02
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	4	2.02
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	4	2.02
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	4	2.02
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	10	2.02
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	10	2.02
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	10	2.02
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	12	2.02
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	12	2.02
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	12	2.02
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	16	2.02
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	16	2.02
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	16	2.02
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	9	2.02
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	9	2.02
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	9	2.02
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	10	2.02
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	10	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	10	2.02
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	13	2.02
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	13	2.02
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	13	2.02
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	17	2.02
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	17	2.02
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	17	2.02
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	18	2.02
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	18	2.02
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	18	2.02
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	18	2.02
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	18	2.02
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	18	2.02
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	18	2.02
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	14	2.02
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	14	2.02
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	13	2.02
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	13	2.02
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	13	2.02
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	5	2.02
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	5	2.02
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	5	2.02
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	12	2.02
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	12	2.02
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	19	2.02
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	15	2.02
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	15	2.02
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	1	2.02
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	1	2.02
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	3	2.02
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	3	2.02
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	16	2.02
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	16	2.02
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	17	2.02
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	17	2.02
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	18	2.02
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	18	2.02
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	18	2.02
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	18	2.02
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	18	2.02
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	18	2.02
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	18	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	18	2.02
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	18	2.02
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	11	2.02
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	11	2.02
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	11	2.02
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG21	8	2.02
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG22	8	2.02
(1,2351)	1:912:A:PHE:HE1	1:917:A:ILE:HG23	8	2.02
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG21	8	2.02
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG22	8	2.02
(1,2351)	1:912:A:PHE:HE2	1:917:A:ILE:HG23	8	2.02
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	17	2.02
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	17	2.02
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	1	2.02
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	1	2.02
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	2	2.02
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	2	2.02
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	4	2.02
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	4	2.02
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	11	2.02
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	11	2.02
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	15	2.02
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	15	2.02
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	13	2.02
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	13	2.02
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	13	2.02
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	13	2.02
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	13	2.02
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	13	2.02
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	16	2.02
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	16	2.02
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	17	2.02
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	3	2.02
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	3	2.02
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	3	2.02
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	13	2.02
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	13	2.02
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	13	2.02
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	5	2.02
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	6	2.02
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	12	2.02
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	12	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	12	2.02
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	1	2.02
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	1	2.02
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	1	2.02
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	5	2.02
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	6	2.02
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	6	2.02
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	6	2.02
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	7	2.02
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	7	2.02
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	7	2.02
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	16	2.02
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	16	2.02
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	16	2.02
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	1	2.02
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	1	2.02
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	16	2.02
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	16	2.02
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	10	2.02
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	10	2.02
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	10	2.02
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	6	2.02
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	6	2.02
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	6	2.02
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	9	2.02
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	9	2.02
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	9	2.02
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	15	2.02
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	15	2.02
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	15	2.02
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	10	2.02
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	10	2.02
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	2	2.02
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	2	2.02
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	2	2.02
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	5	2.02
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	5	2.02
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	5	2.02
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	12	2.02
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	12	2.02
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	12	2.02
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	19	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	19	2.02
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	19	2.02
(1,797)	1:920:A:LEU:HD21	1:923:A:GLN:HG2	9	2.02
(1,797)	1:920:A:LEU:HD22	1:923:A:GLN:HG2	9	2.02
(1,797)	1:920:A:LEU:HD23	1:923:A:GLN:HG2	9	2.02
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	3	2.02
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	3	2.02
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	3	2.02
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	18	2.02
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	18	2.02
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	18	2.02
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	18	2.02
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	7	2.02
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	12	2.02
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	12	2.02
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	12	2.02
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	20	2.02
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	20	2.02
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	20	2.02
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	19	2.02
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	19	2.02
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	13	2.02
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	13	2.02
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	13	2.02
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	3	2.02
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	3	2.02
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	3	2.02
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	8	2.02
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	5	2.02
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	5	2.02
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	5	2.02
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	6	2.02
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	6	2.02
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	6	2.02
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	6	2.02
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	6	2.02
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	6	2.02
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	6	2.02
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	6	2.02
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	6	2.02
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	8	2.02
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	8	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	8	2.02
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	8	2.02
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	8	2.02
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	8	2.02
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	8	2.02
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	8	2.02
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	8	2.02
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	3	2.02
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	3	2.02
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	2	2.02
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	2	2.02
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	2	2.02
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	2	2.02
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	2	2.02
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	2	2.02
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	20	2.02
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	20	2.02
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	20	2.02
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	20	2.02
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	20	2.02
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	20	2.02
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	3	2.02
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	3	2.02
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	2	2.02
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	2	2.02
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	2	2.02
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	17	2.02
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	17	2.02
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	17	2.02
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	3	2.02
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	3	2.02
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	3	2.02
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	4	2.02
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	4	2.02
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	4	2.02
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	4	2.02
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	4	2.02
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	4	2.02
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	12	2.02
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	12	2.02
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	12	2.02
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	18	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	18	2.02
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	18	2.02
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	6	2.02
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	6	2.02
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	6	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	1	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	1	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	1	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	1	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	1	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	1	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	1	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	1	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	1	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	4	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	4	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	4	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	4	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	4	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	4	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	4	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	4	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	4	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	14	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	14	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	14	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	14	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	14	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	14	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	14	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	14	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	14	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	16	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	16	2.02
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	16	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	16	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	16	2.02
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	16	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	16	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	16	2.02
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	16	2.02
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	5	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	5	2.02
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	5	2.02
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	15	2.02
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	15	2.02
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	15	2.02
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	7	2.02
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	7	2.02
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	7	2.02
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	7	2.02
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	7	2.02
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	7	2.02
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	16	2.02
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	16	2.02
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	16	2.02
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	15	2.02
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	15	2.02
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	6	2.02
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	6	2.02
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	6	2.02
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	14	2.02
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	14	2.02
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	14	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	1	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	1	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	1	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	4	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	4	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	4	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	10	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	10	2.02
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	10	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	5	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	5	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	5	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	8	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	8	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	8	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	9	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	9	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	9	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	13	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	13	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	13	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	14	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	14	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	14	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	17	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	17	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	17	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	20	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	20	2.02
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	20	2.02
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	9	2.02
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	9	2.02
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	9	2.02
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	9	2.02
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	9	2.02
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	9	2.02
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	3	2.02
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	3	2.02
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	3	2.02
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	11	2.02
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	11	2.02
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	11	2.02
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	11	2.02
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	3	2.02
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	3	2.02
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	3	2.02
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	3	2.02
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	17	2.02
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	17	2.02
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	17	2.02
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	17	2.02
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	17	2.02
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	17	2.02
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	5	2.02
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	5	2.02
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	17	2.02
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	17	2.02
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	10	2.02
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	10	2.02
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	5	2.02
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	5	2.02
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	5	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	13	2.02
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	13	2.02
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	13	2.02
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	9	2.02
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	9	2.02
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	9	2.02
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	5	2.02
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	3	2.02
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	3	2.02
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	3	2.02
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	3	2.02
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	3	2.02
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	3	2.02
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	3	2.02
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	3	2.02
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	3	2.02
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	3	2.02
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	3	2.02
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	3	2.02
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	16	2.02
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	16	2.02
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	16	2.02
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	18	2.02
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	18	2.02
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	18	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	1	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	1	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	1	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	1	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	1	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	1	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	1	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	1	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	1	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	3	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	3	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	3	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	3	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	3	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	3	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	3	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	3	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	3	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	11	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	11	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	11	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	11	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	11	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	11	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	11	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	11	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	11	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	15	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	15	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	15	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	15	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	15	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	15	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	15	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	15	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	15	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	16	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	16	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	16	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	16	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	16	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	16	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	16	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	16	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	16	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	18	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	18	2.02
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	18	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	18	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	18	2.02
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	18	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	18	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	18	2.02
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	18	2.02
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	4	2.02
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	4	2.02
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	4	2.02
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	4	2.02
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	4	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	4	2.02
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	4	2.02
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	4	2.02
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	4	2.02
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	4	2.02
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	4	2.02
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	4	2.02
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	11	2.02
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	11	2.02
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	11	2.02
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	3	2.02
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	3	2.02
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	3	2.02
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	3	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	3	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	3	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	3	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	3	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	3	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	4	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	4	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	4	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	4	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	4	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	4	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	8	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	8	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	8	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	8	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	8	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	8	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	9	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	9	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	9	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	9	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	9	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	9	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	13	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	13	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	13	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	13	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	13	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	13	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	16	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	16	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	16	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	16	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	16	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	16	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	20	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	20	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	20	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	20	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	20	2.01
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	20	2.01
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	6	2.01
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	6	2.01
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	6	2.01
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	6	2.01
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	12	2.01
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	12	2.01
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	12	2.01
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	12	2.01
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	8	2.01
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	8	2.01
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	8	2.01
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	8	2.01
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	8	2.01
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	8	2.01
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	15	2.01
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	15	2.01
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	15	2.01
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	15	2.01
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	15	2.01
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	15	2.01
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	5	2.01
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	5	2.01
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	5	2.01
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	5	2.01
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	5	2.01
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	5	2.01
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	9	2.01
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	9	2.01
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	9	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	9	2.01
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	9	2.01
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	9	2.01
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	10	2.01
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	10	2.01
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	1	2.01
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	1	2.01
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	1	2.01
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	1	2.01
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	1	2.01
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	1	2.01
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	12	2.01
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	12	2.01
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	12	2.01
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	12	2.01
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	12	2.01
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	12	2.01
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	2	2.01
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	2	2.01
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	2	2.01
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	2	2.01
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	2	2.01
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	2	2.01
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	5	2.01
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	5	2.01
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	7	2.01
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	7	2.01
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	14	2.01
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	14	2.01
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	14	2.01
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	14	2.01
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	14	2.01
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	14	2.01
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	13	2.01
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	13	2.01
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	13	2.01
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	13	2.01
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	13	2.01
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	13	2.01
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	17	2.01
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	17	2.01
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	17	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	17	2.01
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	17	2.01
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	17	2.01
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	4	2.01
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	4	2.01
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	4	2.01
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	4	2.01
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	4	2.01
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	4	2.01
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	17	2.01
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	17	2.01
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	15	2.01
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	15	2.01
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	15	2.01
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	3	2.01
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	3	2.01
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	3	2.01
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	13	2.01
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	2	2.01
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	2	2.01
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	2	2.01
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	2	2.01
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	15	2.01
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	15	2.01
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	15	2.01
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	15	2.01
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	3	2.01
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	16	2.01
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	17	2.01
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	10	2.01
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	10	2.01
(1,2933)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	10	2.01
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	12	2.01
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	12	2.01
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	12	2.01
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	5	2.01
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	5	2.01
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	5	2.01
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD12	7	2.01
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD13	7	2.01
(1,2853)	1:825:A:CYS:HB2	1:852:A:LEU:HD11	7	2.01
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	7	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	7	2.01
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	7	2.01
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	12	2.01
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	12	2.01
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	12	2.01
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	16	2.01
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	16	2.01
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	16	2.01
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	10	2.01
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	10	2.01
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	10	2.01
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	10	2.01
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	10	2.01
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	10	2.01
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	10	2.01
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	10	2.01
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	10	2.01
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	17	2.01
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	17	2.01
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	17	2.01
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	3	2.01
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	3	2.01
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	3	2.01
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	19	2.01
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	19	2.01
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	19	2.01
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	3	2.01
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	3	2.01
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	3	2.01
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	11	2.01
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	11	2.01
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	11	2.01
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	7	2.01
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	7	2.01
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	7	2.01
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	7	2.01
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	7	2.01
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	7	2.01
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	17	2.01
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	17	2.01
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	17	2.01
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	6	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	6	2.01
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	6	2.01
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	6	2.01
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	6	2.01
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	6	2.01
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	13	2.01
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	13	2.01
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	13	2.01
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	15	2.01
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	15	2.01
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	15	2.01
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	17	2.01
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	17	2.01
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	17	2.01
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	1	2.01
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	1	2.01
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	1	2.01
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	1	2.01
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	1	2.01
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	1	2.01
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	18	2.01
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	16	2.01
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	17	2.01
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	14	2.01
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	14	2.01
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	16	2.01
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	16	2.01
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	16	2.01
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	16	2.01
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	10	2.01
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	9	2.01
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	9	2.01
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	16	2.01
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	16	2.01
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	15	2.01
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	2	2.01
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	5	2.01
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	18	2.01
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	18	2.01
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	8	2.01
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	8	2.01
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	5	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	5	2.01
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	5	2.01
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	5	2.01
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	5	2.01
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	5	2.01
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	12	2.01
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	12	2.01
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	12	2.01
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	12	2.01
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	12	2.01
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	12	2.01
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD22	13	2.01
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD23	13	2.01
(1,2368)	1:809:A:PHE:HE2	1:841:A:LEU:HD21	13	2.01
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD22	13	2.01
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD23	13	2.01
(1,2368)	1:809:A:PHE:HE1	1:841:A:LEU:HD21	13	2.01
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	20	2.01
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	20	2.01
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	20	2.01
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	12	2.01
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	12	2.01
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	12	2.01
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	12	2.01
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	12	2.01
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	12	2.01
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	7	2.01
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	7	2.01
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	7	2.01
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	7	2.01
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	7	2.01
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	7	2.01
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	7	2.01
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	7	2.01
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	7	2.01
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	7	2.01
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	12	2.01
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	12	2.01
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	12	2.01
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	12	2.01
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	15	2.01
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	15	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	17	2.01
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	17	2.01
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	18	2.01
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	18	2.01
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	16	2.01
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	16	2.01
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	16	2.01
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	16	2.01
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	16	2.01
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	16	2.01
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	13	2.01
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	13	2.01
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	15	2.01
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	15	2.01
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	15	2.01
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	18	2.01
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	11	2.01
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	11	2.01
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	8	2.01
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	8	2.01
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	1	2.01
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	14	2.01
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	17	2.01
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	17	2.01
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	1	2.01
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	1	2.01
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	1	2.01
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	10	2.01
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	10	2.01
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	10	2.01
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	17	2.01
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	17	2.01
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	17	2.01
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	19	2.01
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	19	2.01
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	5	2.01
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	5	2.01
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	13	2.01
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	13	2.01
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	13	2.01
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	17	2.01
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	17	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	9	2.01
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	12	2.01
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	12	2.01
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	12	2.01
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE1	7	2.01
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE2	7	2.01
(1,1328)	1:846:A:GLU:H	1:885:A:MET:HE3	7	2.01
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	19	2.01
(1,1070)	1:813:A:ILE:HG21	1:817:A:SER:H	18	2.01
(1,1070)	1:813:A:ILE:HG22	1:817:A:SER:H	18	2.01
(1,1070)	1:813:A:ILE:HG23	1:817:A:SER:H	18	2.01
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	17	2.01
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	17	2.01
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	17	2.01
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	2	2.01
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	17	2.01
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	17	2.01
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	17	2.01
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	17	2.01
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	17	2.01
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	17	2.01
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	17	2.01
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	17	2.01
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	17	2.01
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	8	2.01
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	8	2.01
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	8	2.01
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	10	2.01
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	9	2.01
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	3	2.01
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	3	2.01
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	3	2.01
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	3	2.01
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	3	2.01
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	3	2.01
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	14	2.01
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	14	2.01
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	14	2.01
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG21	12	2.01
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG22	12	2.01
(1,712)	1:905:A:SER:HB3	1:917:A:ILE:HG23	12	2.01
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG21	12	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG22	12	2.01
(1,712)	1:905:A:SER:HB2	1:917:A:ILE:HG23	12	2.01
(1,708)	1:900:A:LEU:HD23	1:903:A:ASP:HB3	1	2.01
(1,708)	1:900:A:LEU:HD21	1:903:A:ASP:HB3	1	2.01
(1,708)	1:900:A:LEU:HD22	1:903:A:ASP:HB3	1	2.01
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	14	2.01
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	14	2.01
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	13	2.01
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	13	2.01
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	13	2.01
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	1	2.01
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	1	2.01
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	1	2.01
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	1	2.01
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	1	2.01
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	1	2.01
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	1	2.01
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	1	2.01
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	1	2.01
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	9	2.01
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	9	2.01
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	9	2.01
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	9	2.01
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	9	2.01
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	9	2.01
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	9	2.01
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	9	2.01
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	9	2.01
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	7	2.01
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	7	2.01
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	7	2.01
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	7	2.01
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	7	2.01
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	7	2.01
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	7	2.01
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	7	2.01
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	7	2.01
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	6	2.01
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	6	2.01
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	6	2.01
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	2	2.01
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	2	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	2	2.01
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	2	2.01
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	2	2.01
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	2	2.01
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	6	2.01
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	6	2.01
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	6	2.01
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	6	2.01
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	6	2.01
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	6	2.01
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	6	2.01
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	6	2.01
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	6	2.01
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	5	2.01
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	5	2.01
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	5	2.01
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	5	2.01
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	5	2.01
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	5	2.01
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	17	2.01
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	17	2.01
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	17	2.01
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	17	2.01
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	17	2.01
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	17	2.01
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	17	2.01
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	17	2.01
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	17	2.01
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	1	2.01
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	1	2.01
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	1	2.01
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	1	2.01
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	1	2.01
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	3	2.01
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	3	2.01
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	3	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	3	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	3	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	3	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	3	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	3	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	3	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	9	2.01
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	9	2.01
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	9	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	9	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	9	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	9	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	9	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	9	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	9	2.01
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	11	2.01
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	11	2.01
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	11	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	11	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	11	2.01
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	11	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	11	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	11	2.01
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	11	2.01
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	11	2.01
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	11	2.01
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	11	2.01
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	9	2.01
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	12	2.01
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	12	2.01
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	12	2.01
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	12	2.01
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	12	2.01
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	12	2.01
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	12	2.01
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	12	2.01
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	12	2.01
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE1	18	2.01
(1,340)	1:854:A:ILE:HD11	1:924:A:TYR:HE2	18	2.01
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE1	18	2.01
(1,340)	1:854:A:ILE:HD12	1:924:A:TYR:HE2	18	2.01
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE1	18	2.01
(1,340)	1:854:A:ILE:HD13	1:924:A:TYR:HE2	18	2.01
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	3	2.01
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	3	2.01
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	3	2.01
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	2	2.01
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	2	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	2	2.01
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	10	2.01
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	10	2.01
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	10	2.01
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	12	2.01
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	12	2.01
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	12	2.01
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	15	2.01
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	15	2.01
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	15	2.01
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	9	2.01
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	9	2.01
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	9	2.01
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	19	2.01
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	19	2.01
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	19	2.01
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	9	2.01
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	9	2.01
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	9	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	7	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	7	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	7	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	11	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	11	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	11	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	15	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	15	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	15	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	19	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	19	2.01
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	19	2.01
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	11	2.01
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	11	2.01
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	11	2.01
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	11	2.01
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	11	2.01
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	11	2.01
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	10	2.01
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	10	2.01
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	10	2.01
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	10	2.01
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	10	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	10	2.01
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	13	2.01
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	2	2.01
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	2	2.01
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	2	2.01
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	2	2.01
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	2	2.01
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	2	2.01
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	7	2.01
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	7	2.01
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	7	2.01
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	15	2.01
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	15	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	1	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	1	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	1	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	5	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	5	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	5	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	8	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	8	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	8	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	9	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	9	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	9	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	10	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	10	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	10	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	11	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	11	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	11	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	14	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	14	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	14	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	15	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	15	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	15	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	17	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	17	2.01
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	17	2.01
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	6	2.01
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	6	2.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	6	2.01
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	7	2.01
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	7	2.01
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	7	2.01
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	7	2.01
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	7	2.01
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	7	2.01
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	7	2.01
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	7	2.01
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	7	2.01
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	1	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	1	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	1	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	1	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	1	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	1	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	5	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	5	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	5	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	5	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	5	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	5	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	10	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	10	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	10	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	10	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	10	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	10	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	18	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	18	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	18	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	18	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	18	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	18	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	19	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	19	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	19	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	19	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	19	2.0
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	19	2.0
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	6	2.0
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	6	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	14	2.0
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	14	2.0
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	13	2.0
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	13	2.0
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	6	2.0
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	6	2.0
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	6	2.0
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	6	2.0
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	6	2.0
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	6	2.0
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	7	2.0
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	7	2.0
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	7	2.0
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	7	2.0
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	7	2.0
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	7	2.0
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	2	2.0
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	2	2.0
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	2	2.0
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	2	2.0
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	2	2.0
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	2	2.0
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	9	2.0
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	9	2.0
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	9	2.0
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	9	2.0
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	9	2.0
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	9	2.0
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	13	2.0
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	13	2.0
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	17	2.0
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	17	2.0
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	8	2.0
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	8	2.0
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	8	2.0
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	8	2.0
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	8	2.0
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	8	2.0
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	16	2.0
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	16	2.0
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	16	2.0
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	16	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	16	2.0
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	16	2.0
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE1	20	2.0
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE2	20	2.0
(1,3170)	1:847:A:GLY:HA2	1:885:A:MET:HE3	20	2.0
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE1	20	2.0
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE2	20	2.0
(1,3170)	1:847:A:GLY:HA3	1:885:A:MET:HE3	20	2.0
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	8	2.0
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	8	2.0
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	6	2.0
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	6	2.0
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	6	2.0
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	6	2.0
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	1	2.0
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	1	2.0
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	1	2.0
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	1	2.0
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	11	2.0
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	11	2.0
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	11	2.0
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	11	2.0
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	7	2.0
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	8	2.0
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	5	2.0
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	17	2.0
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	17	2.0
(1,2897)	1:897:A:ILE:HG21	1:924:A:TYR:HA	18	2.0
(1,2897)	1:897:A:ILE:HG22	1:924:A:TYR:HA	18	2.0
(1,2897)	1:897:A:ILE:HG23	1:924:A:TYR:HA	18	2.0
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	3	2.0
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	3	2.0
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	3	2.0
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	18	2.0
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	18	2.0
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	18	2.0
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	18	2.0
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	18	2.0
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	18	2.0
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	6	2.0
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	6	2.0
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	6	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	20	2.0
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	20	2.0
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	20	2.0
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	20	2.0
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	20	2.0
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	20	2.0
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	20	2.0
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	20	2.0
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	20	2.0
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	9	2.0
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	9	2.0
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	9	2.0
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD11	11	2.0
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD12	11	2.0
(1,2823)	1:904:A:LEU:HB2	1:904:A:LEU:HD13	11	2.0
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	17	2.0
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	17	2.0
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	17	2.0
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	5	2.0
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	5	2.0
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	5	2.0
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	5	2.0
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	5	2.0
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	5	2.0
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	5	2.0
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	5	2.0
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	5	2.0
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	7	2.0
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	7	2.0
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	7	2.0
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	11	2.0
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	11	2.0
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	11	2.0
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	20	2.0
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	20	2.0
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	20	2.0
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	2	2.0
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	12	2.0
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	3	2.0
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	3	2.0
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	3	2.0
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	3	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	10	2.0
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	10	2.0
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	10	2.0
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	10	2.0
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	17	2.0
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	17	2.0
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	17	2.0
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	17	2.0
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	19	2.0
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	19	2.0
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	10	2.0
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	1	2.0
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	1	2.0
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	1	2.0
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	12	2.0
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	12	2.0
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	12	2.0
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	10	2.0
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	10	2.0
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	10	2.0
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	10	2.0
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	11	2.0
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	11	2.0
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	11	2.0
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	11	2.0
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	10	2.0
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	8	2.0
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	8	2.0
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	12	2.0
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	12	2.0
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	18	2.0
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	18	2.0
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	7	2.0
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	7	2.0
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	9	2.0
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	9	2.0
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	4	2.0
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	7	2.0
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	7	2.0
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	20	2.0
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	20	2.0
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	20	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	20	2.0
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	20	2.0
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	20	2.0
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	3	2.0
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	3	2.0
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	3	2.0
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	13	2.0
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	13	2.0
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	13	2.0
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	16	2.0
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	16	2.0
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	16	2.0
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	16	2.0
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	16	2.0
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	16	2.0
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	7	2.0
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	7	2.0
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	17	2.0
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	17	2.0
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	17	2.0
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	17	2.0
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	17	2.0
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	17	2.0
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	6	2.0
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	6	2.0
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	6	2.0
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	6	2.0
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	6	2.0
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	6	2.0
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	13	2.0
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	13	2.0
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	16	2.0
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	16	2.0
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	20	2.0
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	20	2.0
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	20	2.0
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	20	2.0
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	20	2.0
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	20	2.0
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	16	2.0
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	16	2.0
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	16	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	16	2.0
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	8	2.0
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	8	2.0
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	8	2.0
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	14	2.0
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	16	2.0
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	18	2.0
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	18	2.0
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	14	2.0
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	14	2.0
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	14	2.0
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	16	2.0
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	16	2.0
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	16	2.0
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	6	2.0
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	6	2.0
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	6	2.0
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	16	2.0
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	16	2.0
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	16	2.0
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	2	2.0
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	2	2.0
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	19	2.0
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	19	2.0
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	18	2.0
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	18	2.0
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	18	2.0
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	18	2.0
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	20	2.0
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	20	2.0
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	12	2.0
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	12	2.0
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	15	2.0
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	15	2.0
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	3	2.0
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	11	2.0
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	7	2.0
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	7	2.0
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	7	2.0
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	15	2.0
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	15	2.0
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	15	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	19	2.0
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	19	2.0
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	19	2.0
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	5	2.0
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	5	2.0
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	5	2.0
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	10	2.0
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	10	2.0
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	10	2.0
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	20	2.0
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	20	2.0
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	20	2.0
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	10	2.0
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	10	2.0
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	8	2.0
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	8	2.0
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	8	2.0
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	17	2.0
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	17	2.0
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	12	2.0
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	12	2.0
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	11	2.0
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	11	2.0
(1,1045)	1:814:A:ASN:H	1:814:A:ASN:HD21	17	2.0
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	5	2.0
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	10	2.0
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	7	2.0
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	7	2.0
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	7	2.0
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	4	2.0
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	4	2.0
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	4	2.0
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	15	2.0
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	15	2.0
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	15	2.0
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	1	2.0
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	1	2.0
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	1	2.0
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	16	2.0
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	16	2.0
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	16	2.0
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	8	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	8	2.0
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	8	2.0
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	18	2.0
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	18	2.0
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	18	2.0
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	9	2.0
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	9	2.0
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	9	2.0
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	17	2.0
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	17	2.0
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	17	2.0
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	8	2.0
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	8	2.0
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	8	2.0
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	9	2.0
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	9	2.0
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	9	2.0
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	9	2.0
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	9	2.0
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	9	2.0
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	17	2.0
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	17	2.0
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	17	2.0
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	10	2.0
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	16	2.0
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	16	2.0
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	16	2.0
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	15	2.0
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	15	2.0
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	15	2.0
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	14	2.0
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	14	2.0
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	14	2.0
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	6	2.0
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	6	2.0
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	1	2.0
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	1	2.0
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	1	2.0
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	5	2.0
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	5	2.0
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	5	2.0
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	4	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	4	2.0
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	4	2.0
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	4	2.0
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	4	2.0
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	4	2.0
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	4	2.0
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	4	2.0
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	4	2.0
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	19	2.0
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	19	2.0
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	2	2.0
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	2	2.0
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	5	2.0
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	5	2.0
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	1	2.0
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	1	2.0
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	1	2.0
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD12	20	2.0
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD13	20	2.0
(1,559)	1:886:A:LEU:H	1:886:A:LEU:HD11	20	2.0
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	15	2.0
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	15	2.0
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	15	2.0
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	10	2.0
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	10	2.0
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	10	2.0
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	12	2.0
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	12	2.0
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	12	2.0
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	12	2.0
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	12	2.0
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	12	2.0
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	12	2.0
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	12	2.0
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	12	2.0
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	20	2.0
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	20	2.0
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	20	2.0
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	20	2.0
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	20	2.0
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	20	2.0
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	20	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	20	2.0
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	20	2.0
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	18	2.0
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	4	2.0
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	4	2.0
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	4	2.0
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	2	2.0
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	2	2.0
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	2	2.0
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	2	2.0
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	2	2.0
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	2	2.0
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	2	2.0
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	2	2.0
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	2	2.0
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	10	2.0
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	10	2.0
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	10	2.0
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	10	2.0
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	10	2.0
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	6	2.0
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	6	2.0
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	6	2.0
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	5	2.0
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	5	2.0
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	5	2.0
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	5	2.0
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	5	2.0
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	5	2.0
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	5	2.0
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	5	2.0
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	5	2.0
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	12	2.0
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	12	2.0
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	12	2.0
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	12	2.0
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	12	2.0
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	12	2.0
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	12	2.0
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	12	2.0
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	12	2.0
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	19	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	19	2.0
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	19	2.0
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	19	2.0
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	19	2.0
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	19	2.0
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	19	2.0
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	19	2.0
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	19	2.0
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	18	2.0
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	6	2.0
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	6	2.0
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	6	2.0
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	6	2.0
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	6	2.0
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	6	2.0
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	6	2.0
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	6	2.0
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	6	2.0
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	6	2.0
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	6	2.0
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	6	2.0
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	18	2.0
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	18	2.0
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	3	2.0
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	3	2.0
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	3	2.0
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	3	2.0
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	3	2.0
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	3	2.0
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	5	2.0
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	5	2.0
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	5	2.0
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	8	2.0
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	8	2.0
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	8	2.0
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	16	2.0
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	16	2.0
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	16	2.0
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	6	2.0
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	6	2.0
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	6	2.0
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	6	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	6	2.0
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	6	2.0
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	6	2.0
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	6	2.0
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	6	2.0
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	19	2.0
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	19	2.0
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	19	2.0
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	19	2.0
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	19	2.0
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	19	2.0
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	19	2.0
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	19	2.0
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	19	2.0
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	8	2.0
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	8	2.0
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	8	2.0
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	1	2.0
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	1	2.0
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	1	2.0
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD11	12	2.0
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD12	12	2.0
(1,263)	1:841:A:LEU:HB2	1:841:A:LEU:HD13	12	2.0
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	13	2.0
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	13	2.0
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	13	2.0
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	13	2.0
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	13	2.0
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	13	2.0
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	2	2.0
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	2	2.0
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	2	2.0
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	2	2.0
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	10	2.0
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	10	2.0
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	10	2.0
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	10	2.0
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	1	2.0
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	20	2.0
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	20	2.0
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	20	2.0
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	18	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	14	2.0
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	14	2.0
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	14	2.0
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	3	2.0
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	3	2.0
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	3	2.0
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	4	2.0
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	4	2.0
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	4	2.0
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	4	2.0
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	4	2.0
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	4	2.0
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	4	2.0
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	4	2.0
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	4	2.0
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	12	2.0
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	12	2.0
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	12	2.0
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	12	2.0
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	12	2.0
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	12	2.0
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	12	2.0
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	12	2.0
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	12	2.0
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	14	2.0
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	14	2.0
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	14	2.0
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	14	2.0
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	14	2.0
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	14	2.0
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	14	2.0
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	14	2.0
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	14	2.0
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	4	2.0
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	4	2.0
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	4	2.0
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	6	2.0
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	6	2.0
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	6	2.0
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	20	2.0
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	20	2.0
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	20	2.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	19	2.0
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	19	2.0
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	19	2.0
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD11	7	2.0
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD12	7	2.0
(1,96)	1:813:A:ILE:HG21	1:813:A:ILE:HD13	7	2.0
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD11	7	2.0
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD12	7	2.0
(1,96)	1:813:A:ILE:HG22	1:813:A:ILE:HD13	7	2.0
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD11	7	2.0
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD12	7	2.0
(1,96)	1:813:A:ILE:HG23	1:813:A:ILE:HD13	7	2.0
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	16	2.0
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	16	2.0
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	16	2.0
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	17	2.0
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	17	2.0
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	17	2.0
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	8	2.0
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	8	2.0
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	8	2.0
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	8	2.0
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	8	2.0
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	8	2.0
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	8	2.0
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	8	2.0
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	8	2.0
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	5	2.0
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	5	2.0
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	5	2.0
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	10	2.0
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	10	2.0
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	10	2.0
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	7	1.99
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	7	1.99
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	7	1.99
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	7	1.99
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	7	1.99
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	7	1.99
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	11	1.99
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	11	1.99
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	11	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	11	1.99
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	11	1.99
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	11	1.99
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	14	1.99
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	14	1.99
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	14	1.99
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	14	1.99
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	14	1.99
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	14	1.99
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	15	1.99
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	15	1.99
(1,3378)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	15	1.99
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD11	15	1.99
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD12	15	1.99
(1,3378)	1:920:A:LEU:HB3	1:920:A:LEU:HD13	15	1.99
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	20	1.99
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	20	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	2	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	2	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	2	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	2	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	2	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	2	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	8	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	8	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	8	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	8	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	8	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	8	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	14	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	14	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	14	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	14	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	14	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	14	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	17	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	17	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	17	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	17	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	17	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	17	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	18	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	18	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	18	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	18	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	18	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	18	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	20	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	20	1.99
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	20	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	20	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	20	1.99
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	20	1.99
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	18	1.99
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	18	1.99
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	18	1.99
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	18	1.99
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	18	1.99
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	18	1.99
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	19	1.99
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	19	1.99
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	19	1.99
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	19	1.99
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	19	1.99
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	19	1.99
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	18	1.99
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	18	1.99
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	18	1.99
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	18	1.99
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	18	1.99
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	18	1.99
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	4	1.99
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	4	1.99
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	14	1.99
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	14	1.99
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	5	1.99
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	5	1.99
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	5	1.99
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	7	1.99
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	7	1.99
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	12	1.99
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	12	1.99
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	15	1.99
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	15	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	13	1.99
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	13	1.99
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	13	1.99
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	13	1.99
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	9	1.99
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	9	1.99
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	17	1.99
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	17	1.99
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	17	1.99
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	17	1.99
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	17	1.99
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	17	1.99
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	10	1.99
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	10	1.99
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	10	1.99
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	10	1.99
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	5	1.99
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	5	1.99
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	16	1.99
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	16	1.99
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	16	1.99
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	16	1.99
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	16	1.99
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	16	1.99
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	13	1.99
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	13	1.99
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	13	1.99
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	13	1.99
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	4	1.99
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	4	1.99
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	4	1.99
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	15	1.99
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	15	1.99
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	15	1.99
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	15	1.99
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	15	1.99
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	15	1.99
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD12	5	1.99
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD13	5	1.99
(1,2898)	1:883:A:LYS:H	1:886:A:LEU:HD11	5	1.99
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	10	1.99
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	10	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	10	1.99
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	8	1.99
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	8	1.99
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	8	1.99
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	10	1.99
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	10	1.99
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	10	1.99
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	8	1.99
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	8	1.99
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	8	1.99
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	8	1.99
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	8	1.99
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	8	1.99
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	8	1.99
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	8	1.99
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	8	1.99
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	15	1.99
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	15	1.99
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	15	1.99
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	5	1.99
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	5	1.99
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	5	1.99
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	14	1.99
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	14	1.99
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	14	1.99
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	9	1.99
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	9	1.99
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	9	1.99
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	1	1.99
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	1	1.99
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	1	1.99
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	6	1.99
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	6	1.99
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	6	1.99
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	15	1.99
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	15	1.99
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	15	1.99
(1,2753)	1:857:A:LEU:HD21	1:869:A:VAL:HA	5	1.99
(1,2753)	1:857:A:LEU:HD22	1:869:A:VAL:HA	5	1.99
(1,2753)	1:857:A:LEU:HD23	1:869:A:VAL:HA	5	1.99
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	6	1.99
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	6	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD21	5	1.99
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD22	5	1.99
(1,2597)	1:870:A:TYR:HE2	1:920:A:LEU:HD23	5	1.99
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD21	5	1.99
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD22	5	1.99
(1,2597)	1:870:A:TYR:HE1	1:920:A:LEU:HD23	5	1.99
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	6	1.99
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	1	1.99
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	1	1.99
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	10	1.99
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	10	1.99
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	4	1.99
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	4	1.99
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	11	1.99
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	11	1.99
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	17	1.99
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	17	1.99
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	17	1.99
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	17	1.99
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	17	1.99
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	17	1.99
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	4	1.99
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	4	1.99
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	2	1.99
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	2	1.99
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	2	1.99
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	12	1.99
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	12	1.99
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	12	1.99
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	12	1.99
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	12	1.99
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	12	1.99
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	15	1.99
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	15	1.99
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	15	1.99
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	15	1.99
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	15	1.99
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	15	1.99
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	1	1.99
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	1	1.99
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	1	1.99
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	3	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	3	1.99
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	3	1.99
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	3	1.99
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	3	1.99
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	3	1.99
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	4	1.99
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	4	1.99
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	4	1.99
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	4	1.99
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	4	1.99
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	4	1.99
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	7	1.99
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	7	1.99
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	7	1.99
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	15	1.99
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	15	1.99
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	15	1.99
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	15	1.99
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	15	1.99
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	15	1.99
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	16	1.99
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	16	1.99
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	16	1.99
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	16	1.99
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	16	1.99
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	16	1.99
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD11	3	1.99
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD12	3	1.99
(1,2330)	1:882:A:PHE:HE2	1:897:A:ILE:HD13	3	1.99
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD11	3	1.99
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD12	3	1.99
(1,2330)	1:882:A:PHE:HE1	1:897:A:ILE:HD13	3	1.99
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	8	1.99
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	8	1.99
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	8	1.99
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	8	1.99
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	8	1.99
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	8	1.99
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	16	1.99
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	16	1.99
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	7	1.99
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	7	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	11	1.99
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	11	1.99
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	15	1.99
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	15	1.99
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	15	1.99
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	15	1.99
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	15	1.99
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	15	1.99
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	2	1.99
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	2	1.99
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	2	1.99
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	2	1.99
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	2	1.99
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	2	1.99
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	11	1.99
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	11	1.99
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	7	1.99
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	7	1.99
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	7	1.99
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	11	1.99
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	11	1.99
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	11	1.99
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	7	1.99
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	12	1.99
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	6	1.99
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	6	1.99
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	6	1.99
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	7	1.99
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	7	1.99
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	7	1.99
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	16	1.99
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	16	1.99
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	4	1.99
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	4	1.99
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	9	1.99
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	9	1.99
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	13	1.99
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	13	1.99
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	13	1.99
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	4	1.99
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	4	1.99
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	9	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	9	1.99
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	4	1.99
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	4	1.99
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	6	1.99
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	20	1.99
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	20	1.99
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	20	1.99
(1,1480)	1:859:A:ASN:H	1:861:A:LEU:H	17	1.99
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	5	1.99
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	8	1.99
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	6	1.99
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	6	1.99
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	6	1.99
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	6	1.99
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	17	1.99
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	17	1.99
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	17	1.99
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	5	1.99
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	5	1.99
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	5	1.99
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	15	1.99
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	15	1.99
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	13	1.99
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	13	1.99
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	13	1.99
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	6	1.99
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	14	1.99
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	14	1.99
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	14	1.99
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	12	1.99
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	12	1.99
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	12	1.99
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	19	1.99
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	19	1.99
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	19	1.99
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	19	1.99
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	19	1.99
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	19	1.99
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	19	1.99
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	19	1.99
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	19	1.99
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	6	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	6	1.99
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	6	1.99
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	12	1.99
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	12	1.99
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	12	1.99
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	16	1.99
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	16	1.99
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	16	1.99
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	2	1.99
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	2	1.99
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	2	1.99
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	18	1.99
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	18	1.99
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	18	1.99
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	18	1.99
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	18	1.99
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	18	1.99
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	9	1.99
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	9	1.99
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	9	1.99
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	13	1.99
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	13	1.99
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	13	1.99
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	13	1.99
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	13	1.99
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	13	1.99
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	13	1.99
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	13	1.99
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	13	1.99
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	2	1.99
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	2	1.99
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	2	1.99
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	18	1.99
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	18	1.99
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	6	1.99
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	6	1.99
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	13	1.99
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	13	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	10	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	10	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	10	1.99
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	10	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	10	1.99
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	10	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	11	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	11	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	11	1.99
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	11	1.99
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	11	1.99
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	11	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	16	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	16	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	16	1.99
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	16	1.99
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	16	1.99
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	16	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	17	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	17	1.99
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	17	1.99
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	17	1.99
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	17	1.99
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	17	1.99
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	8	1.99
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	8	1.99
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	16	1.99
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	16	1.99
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	10	1.99
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	10	1.99
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	10	1.99
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	10	1.99
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	10	1.99
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	10	1.99
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	10	1.99
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	10	1.99
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	10	1.99
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	2	1.99
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	2	1.99
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	2	1.99
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	2	1.99
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	2	1.99
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	2	1.99
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	3	1.99
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	3	1.99
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	3	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	3	1.99
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	3	1.99
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	3	1.99
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	3	1.99
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	3	1.99
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	3	1.99
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	8	1.99
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	8	1.99
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	8	1.99
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	8	1.99
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	8	1.99
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	8	1.99
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	8	1.99
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	8	1.99
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	8	1.99
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	3	1.99
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	1	1.99
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	1	1.99
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	1	1.99
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	2	1.99
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	2	1.99
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	2	1.99
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	7	1.99
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	7	1.99
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	7	1.99
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	5	1.99
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	5	1.99
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	5	1.99
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	5	1.99
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	5	1.99
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	5	1.99
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	5	1.99
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	5	1.99
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	5	1.99
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	5	1.99
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	5	1.99
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	5	1.99
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	12	1.99
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	12	1.99
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	12	1.99
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	6	1.99
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	6	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	6	1.99
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	6	1.99
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	6	1.99
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	6	1.99
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	6	1.99
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	6	1.99
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	6	1.99
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	13	1.99
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	13	1.99
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	13	1.99
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	13	1.99
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	13	1.99
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	13	1.99
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	13	1.99
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	13	1.99
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	13	1.99
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	18	1.99
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	18	1.99
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	18	1.99
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	18	1.99
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	18	1.99
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	18	1.99
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	18	1.99
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	18	1.99
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	18	1.99
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	1	1.99
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	1	1.99
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	1	1.99
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	2	1.99
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	15	1.99
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	15	1.99
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	15	1.99
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	15	1.99
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	15	1.99
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	15	1.99
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	15	1.99
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	15	1.99
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	15	1.99
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	18	1.99
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	18	1.99
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	18	1.99
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	18	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	18	1.99
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	18	1.99
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	18	1.99
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	18	1.99
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	18	1.99
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	9	1.99
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	9	1.99
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	9	1.99
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	7	1.99
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	7	1.99
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	7	1.99
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	2	1.99
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	2	1.99
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	8	1.99
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	8	1.99
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	8	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	1	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	1	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	1	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	7	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	7	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	7	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	14	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	14	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	14	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	20	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	20	1.99
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	20	1.99
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	5	1.99
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	5	1.99
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	5	1.99
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	5	1.99
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	5	1.99
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	5	1.99
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	5	1.99
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	5	1.99
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	5	1.99
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	7	1.99
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	7	1.99
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	7	1.99
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	7	1.99
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	7	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	7	1.99
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	7	1.99
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	7	1.99
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	7	1.99
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB2	15	1.99
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB2	15	1.99
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB2	15	1.99
(1,268)	1:806:A:ALA:HB1	1:842:A:SER:HB3	15	1.99
(1,268)	1:806:A:ALA:HB2	1:842:A:SER:HB3	15	1.99
(1,268)	1:806:A:ALA:HB3	1:842:A:SER:HB3	15	1.99
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	14	1.99
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	14	1.99
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	14	1.99
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	4	1.99
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	15	1.99
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	4	1.99
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	4	1.99
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	4	1.99
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	8	1.99
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	8	1.99
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	8	1.99
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	12	1.99
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	12	1.99
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	12	1.99
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	19	1.99
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	19	1.99
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	19	1.99
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	19	1.99
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	18	1.99
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	16	1.99
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	16	1.99
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	16	1.99
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	18	1.99
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	18	1.99
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	18	1.99
(1,145)	1:800:A:ILE:HD13	1:824:A:ALA:HA	19	1.99
(1,145)	1:800:A:ILE:HD11	1:824:A:ALA:HA	19	1.99
(1,145)	1:800:A:ILE:HD12	1:824:A:ALA:HA	19	1.99
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	14	1.99
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	14	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	5	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	5	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	5	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	5	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	5	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	5	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	5	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	5	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	5	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	8	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	8	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	8	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	8	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	8	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	8	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	8	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	8	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	8	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	11	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	11	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	11	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	11	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	11	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	11	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	11	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	11	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	11	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	18	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	18	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	18	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	18	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	18	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	18	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	18	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	18	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	18	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	19	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	19	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	19	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	19	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	19	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	19	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	19	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	19	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	19	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	20	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	20	1.99
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	20	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	20	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	20	1.99
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	20	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	20	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	20	1.99
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	20	1.99
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	2	1.99
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	2	1.99
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	2	1.99
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	8	1.99
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	8	1.99
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	8	1.99
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	16	1.98
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	16	1.98
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD1	4	1.98
(1,3361)	1:909:A:ASN:HB2	1:912:A:PHE:HD2	4	1.98
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD1	4	1.98
(1,3361)	1:909:A:ASN:HB3	1:912:A:PHE:HD2	4	1.98
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	7	1.98
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	7	1.98
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD11	10	1.98
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD12	10	1.98
(1,3352)	1:905:A:SER:HB2	1:917:A:ILE:HD13	10	1.98
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD11	10	1.98
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD12	10	1.98
(1,3352)	1:905:A:SER:HB3	1:917:A:ILE:HD13	10	1.98
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	3	1.98
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	3	1.98
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	3	1.98
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	3	1.98
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	3	1.98
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	3	1.98
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	17	1.98
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	17	1.98
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	17	1.98
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	17	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	3	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	3	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	3	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	3	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	3	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	3	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	4	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	4	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	4	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	4	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	4	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	4	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	9	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	9	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	9	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	9	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	9	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	9	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	10	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	10	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	10	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	10	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	10	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	10	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	13	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	13	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	13	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	13	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	13	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	13	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	16	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	16	1.98
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	16	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	16	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	16	1.98
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	16	1.98
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	14	1.98
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	14	1.98
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	14	1.98
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	14	1.98
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	14	1.98
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	14	1.98
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	3	1.98
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	3	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	3	1.98
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	3	1.98
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	3	1.98
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	3	1.98
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	14	1.98
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	14	1.98
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	14	1.98
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	14	1.98
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	14	1.98
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	14	1.98
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	10	1.98
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	10	1.98
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	10	1.98
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	10	1.98
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	10	1.98
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	10	1.98
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	13	1.98
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	13	1.98
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	13	1.98
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	13	1.98
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	13	1.98
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	13	1.98
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	14	1.98
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	14	1.98
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	3	1.98
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	3	1.98
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	16	1.98
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	16	1.98
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG12	4	1.98
(1,3066)	1:809:A:PHE:HE2	1:813:A:ILE:HG13	4	1.98
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG12	4	1.98
(1,3066)	1:809:A:PHE:HE1	1:813:A:ILE:HG13	4	1.98
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	12	1.98
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	12	1.98
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	12	1.98
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	12	1.98
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	4	1.98
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	4	1.98
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	6	1.98
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	6	1.98
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	14	1.98
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	14	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	14	1.98
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	18	1.98
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	18	1.98
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	18	1.98
(1,2983)	1:845:A:LEU:HD21	1:850:A:PHE:H	19	1.98
(1,2983)	1:845:A:LEU:HD22	1:850:A:PHE:H	19	1.98
(1,2983)	1:845:A:LEU:HD23	1:850:A:PHE:H	19	1.98
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	20	1.98
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	20	1.98
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	20	1.98
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	20	1.98
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	1	1.98
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	10	1.98
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	13	1.98
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	13	1.98
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	15	1.98
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	15	1.98
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	15	1.98
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	15	1.98
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	15	1.98
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	15	1.98
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	14	1.98
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	14	1.98
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	14	1.98
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	6	1.98
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	6	1.98
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	6	1.98
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	7	1.98
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	7	1.98
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	7	1.98
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	9	1.98
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	9	1.98
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	9	1.98
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	9	1.98
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	9	1.98
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	9	1.98
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	9	1.98
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	9	1.98
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	9	1.98
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	12	1.98
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	12	1.98
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	12	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	15	1.98
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	15	1.98
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	15	1.98
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	5	1.98
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	5	1.98
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	5	1.98
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	13	1.98
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	7	1.98
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	7	1.98
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	16	1.98
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	16	1.98
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	16	1.98
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	16	1.98
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	16	1.98
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	16	1.98
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	3	1.98
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	3	1.98
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	16	1.98
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	16	1.98
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	3	1.98
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	3	1.98
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	3	1.98
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	6	1.98
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	6	1.98
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	6	1.98
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	14	1.98
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	14	1.98
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	14	1.98
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	16	1.98
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	16	1.98
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	16	1.98
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	2	1.98
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	2	1.98
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	2	1.98
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	1	1.98
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	1	1.98
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	1	1.98
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	2	1.98
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	2	1.98
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	2	1.98
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	2	1.98
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	2	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	2	1.98
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	2	1.98
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	14	1.98
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	20	1.98
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	20	1.98
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	7	1.98
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	7	1.98
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	20	1.98
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	20	1.98
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	1	1.98
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	1	1.98
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	18	1.98
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	18	1.98
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	4	1.98
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	4	1.98
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	19	1.98
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	19	1.98
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	1	1.98
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	10	1.98
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	9	1.98
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	9	1.98
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	9	1.98
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	6	1.98
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	6	1.98
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	6	1.98
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	6	1.98
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	6	1.98
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	6	1.98
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	18	1.98
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	18	1.98
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	18	1.98
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	18	1.98
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	18	1.98
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	18	1.98
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	10	1.98
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	10	1.98
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	10	1.98
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	14	1.98
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	14	1.98
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	14	1.98
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	9	1.98
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	9	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	20	1.98
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	20	1.98
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	20	1.98
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	20	1.98
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	20	1.98
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	20	1.98
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	3	1.98
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	3	1.98
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	7	1.98
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	7	1.98
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	7	1.98
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	7	1.98
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	8	1.98
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	8	1.98
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	8	1.98
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	8	1.98
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	15	1.98
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	15	1.98
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	15	1.98
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	15	1.98
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	20	1.98
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	20	1.98
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	20	1.98
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	20	1.98
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	7	1.98
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	7	1.98
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	7	1.98
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	7	1.98
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	7	1.98
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	7	1.98
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	5	1.98
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	5	1.98
(1,2296)	1:870:A:TYR:HD1	1:871:A:GLN:HG2	6	1.98
(1,2296)	1:870:A:TYR:HD2	1:871:A:GLN:HG2	6	1.98
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	20	1.98
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	20	1.98
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	2	1.98
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	2	1.98
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	9	1.98
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	9	1.98
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	9	1.98
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	9	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	9	1.98
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	9	1.98
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	6	1.98
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	6	1.98
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	6	1.98
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	6	1.98
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	6	1.98
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	6	1.98
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	3	1.98
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	3	1.98
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	3	1.98
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	19	1.98
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	19	1.98
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	19	1.98
(1,2076)	1:914:A:LEU:HD11	1:915:A:GLU:H	20	1.98
(1,2076)	1:914:A:LEU:HD12	1:915:A:GLU:H	20	1.98
(1,2076)	1:914:A:LEU:HD13	1:915:A:GLU:H	20	1.98
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	17	1.98
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	12	1.98
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	12	1.98
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	13	1.98
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	13	1.98
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	10	1.98
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	2	1.98
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	7	1.98
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	7	1.98
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	7	1.98
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	3	1.98
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	3	1.98
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	3	1.98
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	4	1.98
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	4	1.98
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	4	1.98
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	9	1.98
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	9	1.98
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	9	1.98
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	2	1.98
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	2	1.98
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	20	1.98
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	20	1.98
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	8	1.98
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	18	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	18	1.98
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	1	1.98
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	1	1.98
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	1	1.98
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	3	1.98
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	3	1.98
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	3	1.98
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	13	1.98
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	3	1.98
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	3	1.98
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	5	1.98
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	5	1.98
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	2	1.98
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	2	1.98
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	7	1.98
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	13	1.98
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	13	1.98
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	13	1.98
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	20	1.98
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	20	1.98
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	20	1.98
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	16	1.98
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	16	1.98
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	16	1.98
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	12	1.98
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	12	1.98
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	12	1.98
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	19	1.98
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	19	1.98
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	19	1.98
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	5	1.98
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	5	1.98
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	5	1.98
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	11	1.98
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	11	1.98
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	11	1.98
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	14	1.98
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	4	1.98
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	4	1.98
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	4	1.98
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	11	1.98
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	11	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	11	1.98
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	12	1.98
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	12	1.98
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	12	1.98
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	4	1.98
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	4	1.98
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	10	1.98
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	10	1.98
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	18	1.98
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	18	1.98
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	18	1.98
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	13	1.98
(1,737)	1:901:A:PHE:HE2	1:917:A:ILE:HA	17	1.98
(1,737)	1:901:A:PHE:HE1	1:917:A:ILE:HA	17	1.98
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	14	1.98
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	14	1.98
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	8	1.98
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	8	1.98
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	8	1.98
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	13	1.98
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	13	1.98
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	13	1.98
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	13	1.98
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	13	1.98
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	13	1.98
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	13	1.98
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	13	1.98
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	13	1.98
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	20	1.98
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	20	1.98
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	20	1.98
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	20	1.98
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	20	1.98
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	20	1.98
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	20	1.98
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	20	1.98
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	20	1.98
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	10	1.98
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	10	1.98
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	17	1.98
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	17	1.98
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	5	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	5	1.98
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	1	1.98
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	1	1.98
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	1	1.98
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	1	1.98
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	1	1.98
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	1	1.98
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	2	1.98
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	2	1.98
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	2	1.98
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	15	1.98
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	15	1.98
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	15	1.98
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	1	1.98
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	1	1.98
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	1	1.98
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	1	1.98
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	1	1.98
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	1	1.98
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	1	1.98
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	1	1.98
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	1	1.98
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	11	1.98
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	11	1.98
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	11	1.98
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	9	1.98
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	9	1.98
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	9	1.98
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	20	1.98
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	20	1.98
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	20	1.98
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	4	1.98
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	4	1.98
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	4	1.98
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	19	1.98
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	19	1.98
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	19	1.98
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	8	1.98
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	8	1.98
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	8	1.98
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	17	1.98
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	17	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	17	1.98
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	17	1.98
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	17	1.98
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	17	1.98
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	17	1.98
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	17	1.98
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	17	1.98
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	20	1.98
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	20	1.98
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	20	1.98
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	20	1.98
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	20	1.98
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	20	1.98
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	20	1.98
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	20	1.98
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	20	1.98
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	14	1.98
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	14	1.98
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	14	1.98
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	17	1.98
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	17	1.98
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	17	1.98
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	20	1.98
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	20	1.98
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	20	1.98
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	20	1.98
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	20	1.98
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	20	1.98
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	20	1.98
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	20	1.98
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	20	1.98
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	3	1.98
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	3	1.98
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	3	1.98
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	4	1.98
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	4	1.98
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	4	1.98
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	12	1.98
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	12	1.98
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	12	1.98
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	1	1.98
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	1	1.98
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	1	1.98
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	1	1.98
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	1	1.98
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	1	1.98
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	1	1.98
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	1	1.98
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	6	1.98
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	6	1.98
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	6	1.98
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	3	1.98
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	3	1.98
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	3	1.98
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	7	1.98
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	7	1.98
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	7	1.98
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	9	1.98
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	9	1.98
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	9	1.98
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	6	1.98
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	6	1.98
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	6	1.98
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	15	1.98
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	15	1.98
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	15	1.98
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	20	1.98
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	20	1.98
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	20	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	2	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	2	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	2	1.98
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	2	1.98
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	2	1.98
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	2	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	2	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	2	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	2	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	9	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	9	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	9	1.98
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	9	1.98
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	9	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	9	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	9	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	9	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	9	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	14	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	14	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	14	1.98
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	14	1.98
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	14	1.98
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	14	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	14	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	14	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	14	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	16	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	16	1.98
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	16	1.98
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	16	1.98
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	16	1.98
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	16	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	16	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	16	1.98
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	16	1.98
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	11	1.98
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	11	1.98
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	11	1.98
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	10	1.98
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	10	1.98
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	10	1.98
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	10	1.98
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	10	1.98
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	10	1.98
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	4	1.98
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	4	1.98
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	4	1.98
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	19	1.98
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	19	1.98
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	19	1.98
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	19	1.98
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	19	1.98
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	19	1.98
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	11	1.98
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	11	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	11	1.98
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	11	1.98
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	11	1.98
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	11	1.98
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	1	1.98
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	18	1.98
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	18	1.98
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	18	1.98
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	18	1.98
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	18	1.98
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	18	1.98
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	18	1.98
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	18	1.98
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	18	1.98
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	2	1.98
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	8	1.98
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	14	1.98
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	14	1.98
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	14	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	1	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	1	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	1	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	1	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	1	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	1	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	1	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	1	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	1	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	2	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	2	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	2	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	2	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	2	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	2	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	2	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	2	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	2	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	6	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	6	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	6	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	6	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	6	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	6	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	6	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	6	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	6	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	10	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	10	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	10	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	10	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	10	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	10	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	10	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	10	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	10	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	15	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	15	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	15	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	15	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	15	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	15	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	15	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	15	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	15	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD12	17	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD13	17	1.98
(1,117)	1:815:A:ALA:HB1	1:816:A:LEU:HD11	17	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD12	17	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD13	17	1.98
(1,117)	1:815:A:ALA:HB2	1:816:A:LEU:HD11	17	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD12	17	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD13	17	1.98
(1,117)	1:815:A:ALA:HB3	1:816:A:LEU:HD11	17	1.98
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD12	7	1.98
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD13	7	1.98
(1,116)	1:816:A:LEU:HB2	1:816:A:LEU:HD11	7	1.98
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	4	1.98
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	4	1.98
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	4	1.98
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	9	1.98
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	9	1.98
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	9	1.98
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	10	1.98
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	10	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	10	1.98
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	10	1.98
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	10	1.98
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	10	1.98
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	13	1.98
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	13	1.98
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	13	1.98
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD11	9	1.97
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD12	9	1.97
(1,3340)	1:898:A:GLU:HG2	1:926:A:LEU:HD13	9	1.97
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	9	1.97
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	9	1.97
(1,3340)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	9	1.97
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	15	1.97
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	15	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	1	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	1	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	1	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	1	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	1	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	1	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	5	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	5	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	5	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	5	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	5	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	5	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	11	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	11	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	11	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	11	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	11	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	11	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	12	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	12	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	12	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	12	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	12	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	12	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	15	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	15	1.97
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	15	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	15	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	15	1.97
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	15	1.97
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	16	1.97
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	16	1.97
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	18	1.97
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	18	1.97
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	18	1.97
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	4	1.97
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	4	1.97
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	4	1.97
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	4	1.97
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	4	1.97
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	4	1.97
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	19	1.97
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	19	1.97
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	19	1.97
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	19	1.97
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	19	1.97
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	19	1.97
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	20	1.97
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	20	1.97
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	20	1.97
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	20	1.97
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	14	1.97
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	14	1.97
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	14	1.97
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	14	1.97
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	9	1.97
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	9	1.97
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	9	1.97
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	16	1.97
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	16	1.97
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	16	1.97
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	13	1.97
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	14	1.97
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	14	1.97
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	18	1.97
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	18	1.97
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	11	1.97
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	11	1.97
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	11	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	11	1.97
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	11	1.97
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	11	1.97
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	19	1.97
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	19	1.97
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	19	1.97
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	19	1.97
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	19	1.97
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	19	1.97
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	9	1.97
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	9	1.97
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	9	1.97
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	7	1.97
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	7	1.97
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	7	1.97
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	9	1.97
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	9	1.97
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	9	1.97
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	20	1.97
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	20	1.97
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	20	1.97
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	7	1.97
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	7	1.97
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	7	1.97
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	7	1.97
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	20	1.97
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	20	1.97
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	20	1.97
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	4	1.97
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	4	1.97
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	4	1.97
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	12	1.97
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	12	1.97
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	12	1.97
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	11	1.97
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	11	1.97
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	15	1.97
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	15	1.97
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	18	1.97
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	15	1.97
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	15	1.97
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	15	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	11	1.97
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	11	1.97
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	11	1.97
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	11	1.97
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	15	1.97
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	15	1.97
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	9	1.97
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	10	1.97
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	10	1.97
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	10	1.97
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	10	1.97
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	10	1.97
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	10	1.97
(1,2628)	1:854:A:ILE:HG21	1:855:A:GLN:HE21	5	1.97
(1,2628)	1:854:A:ILE:HG22	1:855:A:GLN:HE21	5	1.97
(1,2628)	1:854:A:ILE:HG23	1:855:A:GLN:HE21	5	1.97
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	12	1.97
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	12	1.97
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	12	1.97
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	11	1.97
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	11	1.97
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	9	1.97
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	9	1.97
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	9	1.97
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	20	1.97
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	20	1.97
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	20	1.97
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	8	1.97
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	12	1.97
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	12	1.97
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	14	1.97
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	14	1.97
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	5	1.97
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	5	1.97
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	7	1.97
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	7	1.97
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	6	1.97
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	15	1.97
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	15	1.97
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	14	1.97
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	14	1.97
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	14	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	14	1.97
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	14	1.97
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	14	1.97
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	1	1.97
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	1	1.97
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	1	1.97
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	1	1.97
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	1	1.97
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	1	1.97
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	9	1.97
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	9	1.97
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	9	1.97
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	9	1.97
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	9	1.97
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	9	1.97
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	19	1.97
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	19	1.97
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	19	1.97
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	19	1.97
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	19	1.97
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	19	1.97
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	16	1.97
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	16	1.97
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	16	1.97
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	16	1.97
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	16	1.97
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	16	1.97
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	16	1.97
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	16	1.97
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	5	1.97
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	5	1.97
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	5	1.97
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	5	1.97
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	5	1.97
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	5	1.97
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	11	1.97
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	11	1.97
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	11	1.97
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	11	1.97
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	11	1.97
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	11	1.97
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	12	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	12	1.97
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	6	1.97
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	6	1.97
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	6	1.97
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	6	1.97
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	6	1.97
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	6	1.97
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	2	1.97
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	2	1.97
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	2	1.97
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	2	1.97
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	2	1.97
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	2	1.97
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	7	1.97
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	7	1.97
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	7	1.97
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	7	1.97
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	7	1.97
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	7	1.97
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	14	1.97
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	14	1.97
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	14	1.97
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	2	1.97
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	2	1.97
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	13	1.97
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	13	1.97
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	2	1.97
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	2	1.97
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	8	1.97
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	8	1.97
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	8	1.97
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	15	1.97
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	15	1.97
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	15	1.97
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	5	1.97
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	5	1.97
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	5	1.97
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	12	1.97
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	12	1.97
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	12	1.97
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	14	1.97
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	14	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	14	1.97
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	7	1.97
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	7	1.97
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	14	1.97
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	14	1.97
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	19	1.97
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	3	1.97
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	3	1.97
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	3	1.97
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	3	1.97
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	3	1.97
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	5	1.97
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	5	1.97
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	5	1.97
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	6	1.97
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	6	1.97
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	6	1.97
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	1	1.97
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	1	1.97
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	18	1.97
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	14	1.97
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	11	1.97
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	11	1.97
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	11	1.97
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	11	1.97
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	11	1.97
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	11	1.97
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	15	1.97
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	15	1.97
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	15	1.97
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	12	1.97
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	20	1.97
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	20	1.97
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	9	1.97
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	9	1.97
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	9	1.97
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	13	1.97
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	13	1.97
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	13	1.97
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	5	1.97
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	5	1.97
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	13	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	19	1.97
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	13	1.97
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	13	1.97
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	13	1.97
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	19	1.97
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	19	1.97
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	19	1.97
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	5	1.97
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	5	1.97
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	5	1.97
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	5	1.97
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	5	1.97
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	5	1.97
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	5	1.97
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	5	1.97
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	5	1.97
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	18	1.97
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	18	1.97
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	18	1.97
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	18	1.97
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	18	1.97
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	18	1.97
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	18	1.97
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	18	1.97
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	18	1.97
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	5	1.97
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	5	1.97
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	5	1.97
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	3	1.97
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	3	1.97
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	3	1.97
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	9	1.97
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	9	1.97
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	9	1.97
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	18	1.97
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	18	1.97
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	18	1.97
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	17	1.97
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	17	1.97
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	17	1.97
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	17	1.97
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	17	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	17	1.97
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	13	1.97
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	13	1.97
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	5	1.97
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	5	1.97
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	5	1.97
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	19	1.97
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	19	1.97
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	19	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	2	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	2	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	2	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	3	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	3	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	3	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	7	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	7	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	7	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	8	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	8	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	8	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	11	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	11	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	11	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	19	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	19	1.97
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	19	1.97
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	5	1.97
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	5	1.97
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	5	1.97
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	3	1.97
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	3	1.97
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	3	1.97
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	3	1.97
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	3	1.97
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	3	1.97
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	3	1.97
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	3	1.97
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	3	1.97
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	16	1.97
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	16	1.97
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	16	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	16	1.97
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	19	1.97
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	19	1.97
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	19	1.97
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	19	1.97
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	18	1.97
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	18	1.97
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	18	1.97
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	18	1.97
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	18	1.97
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	18	1.97
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	2	1.97
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	2	1.97
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	13	1.97
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	13	1.97
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	5	1.97
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	5	1.97
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	5	1.97
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	5	1.97
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	5	1.97
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	5	1.97
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	9	1.97
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	9	1.97
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	9	1.97
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	9	1.97
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	9	1.97
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	9	1.97
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	15	1.97
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	15	1.97
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	15	1.97
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	15	1.97
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	15	1.97
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	15	1.97
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	15	1.97
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	15	1.97
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	15	1.97
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	4	1.97
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	4	1.97
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	4	1.97
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD11	16	1.97
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD12	16	1.97
(1,435)	1:869:A:VAL:HG11	1:873:A:LEU:HD13	16	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD11	16	1.97
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD12	16	1.97
(1,435)	1:869:A:VAL:HG12	1:873:A:LEU:HD13	16	1.97
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD11	16	1.97
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD12	16	1.97
(1,435)	1:869:A:VAL:HG13	1:873:A:LEU:HD13	16	1.97
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	2	1.97
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	2	1.97
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	2	1.97
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	11	1.97
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	11	1.97
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	11	1.97
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	8	1.97
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	8	1.97
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	8	1.97
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	8	1.97
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	8	1.97
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	8	1.97
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	8	1.97
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	8	1.97
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	8	1.97
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD11	15	1.97
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD12	15	1.97
(1,395)	1:862:A:ILE:HG21	1:862:A:ILE:HD13	15	1.97
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD11	15	1.97
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD12	15	1.97
(1,395)	1:862:A:ILE:HG22	1:862:A:ILE:HD13	15	1.97
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD11	15	1.97
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD12	15	1.97
(1,395)	1:862:A:ILE:HG23	1:862:A:ILE:HD13	15	1.97
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	8	1.97
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	8	1.97
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	8	1.97
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	14	1.97
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	14	1.97
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	14	1.97
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	3	1.97
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	3	1.97
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	3	1.97
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	3	1.97
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	3	1.97
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	3	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	3	1.97
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	3	1.97
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	3	1.97
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	4	1.97
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	4	1.97
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	4	1.97
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	4	1.97
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	4	1.97
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	4	1.97
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	4	1.97
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	4	1.97
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	4	1.97
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	9	1.97
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	9	1.97
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	9	1.97
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	9	1.97
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	9	1.97
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	9	1.97
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	9	1.97
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	9	1.97
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	9	1.97
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	6	1.97
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	6	1.97
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	6	1.97
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	8	1.97
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	8	1.97
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	8	1.97
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	15	1.97
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	15	1.97
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	15	1.97
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	9	1.97
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	9	1.97
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	9	1.97
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	10	1.97
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	10	1.97
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	10	1.97
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	11	1.97
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	11	1.97
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	11	1.97
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	4	1.97
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	4	1.97
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	4	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	2	1.97
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	2	1.97
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	2	1.97
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	2	1.97
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	2	1.97
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	2	1.97
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	2	1.97
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	2	1.97
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	2	1.97
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	19	1.97
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	19	1.97
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	19	1.97
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD21	2	1.97
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD22	2	1.97
(1,272)	1:845:A:LEU:HA	1:845:A:LEU:HD23	2	1.97
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	10	1.97
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	10	1.97
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	10	1.97
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	10	1.97
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	10	1.97
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	10	1.97
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	10	1.97
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	10	1.97
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	10	1.97
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	20	1.97
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	20	1.97
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	20	1.97
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	20	1.97
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	20	1.97
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	20	1.97
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	20	1.97
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	20	1.97
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	20	1.97
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	6	1.97
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	6	1.97
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	6	1.97
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	3	1.97
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	2	1.97
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	16	1.97
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	16	1.97
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	16	1.97
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	16	1.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	16	1.97
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	16	1.97
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	3	1.97
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	18	1.97
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	18	1.97
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	18	1.97
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	8	1.97
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	8	1.97
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	8	1.97
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	8	1.97
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	8	1.97
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	8	1.97
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	8	1.97
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	8	1.97
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	8	1.97
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	5	1.97
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	12	1.97
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	7	1.97
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB1	4	1.97
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB2	4	1.97
(1,24)	1:800:A:ILE:HG22	1:801:A:ALA:HB3	4	1.97
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB1	4	1.97
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB2	4	1.97
(1,24)	1:800:A:ILE:HG23	1:801:A:ALA:HB3	4	1.97
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB1	4	1.97
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB2	4	1.97
(1,24)	1:800:A:ILE:HG21	1:801:A:ALA:HB3	4	1.97
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	15	1.96
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	15	1.96
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	4	1.96
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	4	1.96
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	17	1.96
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	17	1.96
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	20	1.96
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	20	1.96
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	10	1.96
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	10	1.96
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	10	1.96
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	10	1.96
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	17	1.96
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	17	1.96
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	12	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	12	1.96
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD21	19	1.96
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD22	19	1.96
(1,3278)	1:876:A:LEU:HB2	1:876:A:LEU:HD23	19	1.96
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD21	19	1.96
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD22	19	1.96
(1,3278)	1:876:A:LEU:HB3	1:876:A:LEU:HD23	19	1.96
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	1	1.96
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	1	1.96
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	1	1.96
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	1	1.96
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	1	1.96
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	1	1.96
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	12	1.96
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	12	1.96
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	12	1.96
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	12	1.96
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	12	1.96
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	12	1.96
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	15	1.96
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	15	1.96
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	20	1.96
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	20	1.96
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	5	1.96
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	5	1.96
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	12	1.96
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	12	1.96
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	12	1.96
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	12	1.96
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	1	1.96
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	1	1.96
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	5	1.96
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	5	1.96
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	5	1.96
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	18	1.96
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	19	1.96
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	6	1.96
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	6	1.96
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	11	1.96
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	11	1.96
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	10	1.96
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	14	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	14	1.96
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	14	1.96
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	8	1.96
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	8	1.96
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	8	1.96
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	8	1.96
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	8	1.96
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	8	1.96
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	14	1.96
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	14	1.96
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	14	1.96
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD22	8	1.96
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD23	8	1.96
(1,2887)	1:870:A:TYR:HA	1:873:A:LEU:HD21	8	1.96
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	6	1.96
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	6	1.96
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	6	1.96
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	19	1.96
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	19	1.96
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	19	1.96
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	20	1.96
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	20	1.96
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	20	1.96
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	17	1.96
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	17	1.96
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	17	1.96
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	12	1.96
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	12	1.96
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	12	1.96
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	12	1.96
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	12	1.96
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	12	1.96
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	12	1.96
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	12	1.96
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	12	1.96
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	11	1.96
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	11	1.96
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	11	1.96
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	3	1.96
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	3	1.96
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	3	1.96
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	8	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	8	1.96
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	8	1.96
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	10	1.96
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	10	1.96
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	10	1.96
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	8	1.96
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	8	1.96
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	8	1.96
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	5	1.96
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	5	1.96
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	5	1.96
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	5	1.96
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	5	1.96
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	5	1.96
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	2	1.96
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	2	1.96
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	2	1.96
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	2	1.96
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	2	1.96
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	2	1.96
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	15	1.96
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	15	1.96
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	15	1.96
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	16	1.96
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	16	1.96
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	16	1.96
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	16	1.96
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	19	1.96
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	19	1.96
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	1	1.96
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	9	1.96
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	9	1.96
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	12	1.96
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	12	1.96
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB2	5	1.96
(1,2509)	1:871:A:GLN:H	1:871:A:GLN:HB3	5	1.96
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	19	1.96
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	19	1.96
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	7	1.96
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	7	1.96
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	8	1.96
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	8	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	8	1.96
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	3	1.96
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	3	1.96
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	5	1.96
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	5	1.96
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	19	1.96
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	2	1.96
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	2	1.96
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	2	1.96
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	2	1.96
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	2	1.96
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	2	1.96
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	11	1.96
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	11	1.96
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	11	1.96
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	11	1.96
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	11	1.96
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	11	1.96
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	14	1.96
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	14	1.96
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	14	1.96
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	14	1.96
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	14	1.96
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	14	1.96
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	19	1.96
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	19	1.96
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	19	1.96
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	19	1.96
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	19	1.96
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	19	1.96
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	20	1.96
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	20	1.96
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	20	1.96
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	20	1.96
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	20	1.96
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	20	1.96
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	18	1.96
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	18	1.96
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	18	1.96
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	18	1.96
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	18	1.96
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	18	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	16	1.96
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	16	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	6	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	6	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	6	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	6	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	6	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	6	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	8	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	8	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	8	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	8	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	8	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	8	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	10	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	10	1.96
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	10	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	10	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	10	1.96
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	10	1.96
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	5	1.96
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	5	1.96
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	5	1.96
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	5	1.96
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	14	1.96
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	14	1.96
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	14	1.96
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	14	1.96
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	14	1.96
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	14	1.96
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	7	1.96
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	7	1.96
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	7	1.96
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	7	1.96
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	7	1.96
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	7	1.96
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	12	1.96
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	12	1.96
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	12	1.96
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	12	1.96
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	12	1.96
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	12	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	9	1.96
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	9	1.96
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	9	1.96
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	15	1.96
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	20	1.96
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	20	1.96
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	7	1.96
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	19	1.96
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	19	1.96
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	19	1.96
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	18	1.96
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	18	1.96
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	18	1.96
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	11	1.96
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	11	1.96
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	7	1.96
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	7	1.96
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	7	1.96
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	14	1.96
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	14	1.96
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	5	1.96
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	5	1.96
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	5	1.96
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	6	1.96
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	17	1.96
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	2	1.96
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	10	1.96
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	10	1.96
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	10	1.96
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	17	1.96
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	17	1.96
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	1	1.96
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	1	1.96
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	1	1.96
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	14	1.96
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	14	1.96
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	14	1.96
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	19	1.96
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	19	1.96
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	13	1.96
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	13	1.96
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	13	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	17	1.96
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	17	1.96
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	17	1.96
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	5	1.96
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	5	1.96
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	5	1.96
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	15	1.96
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	15	1.96
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	15	1.96
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	1	1.96
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	1	1.96
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	1	1.96
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	4	1.96
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	4	1.96
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	13	1.96
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	13	1.96
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	2	1.96
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	2	1.96
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	2	1.96
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	3	1.96
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	3	1.96
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	3	1.96
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	4	1.96
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	4	1.96
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	4	1.96
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	8	1.96
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	8	1.96
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	8	1.96
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	8	1.96
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	8	1.96
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	8	1.96
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	8	1.96
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	8	1.96
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	8	1.96
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	14	1.96
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	14	1.96
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	14	1.96
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	14	1.96
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	14	1.96
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	14	1.96
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	14	1.96
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	14	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	14	1.96
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG11	20	1.96
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG12	20	1.96
(1,831)	1:862:A:ILE:H	1:869:A:VAL:HG13	20	1.96
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	20	1.96
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	20	1.96
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	20	1.96
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	20	1.96
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	20	1.96
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	20	1.96
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	20	1.96
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	20	1.96
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	20	1.96
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	9	1.96
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	9	1.96
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	9	1.96
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	7	1.96
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	7	1.96
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	7	1.96
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	7	1.96
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	7	1.96
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	7	1.96
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	14	1.96
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	14	1.96
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	19	1.96
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	19	1.96
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	19	1.96
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	19	1.96
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	19	1.96
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	19	1.96
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	8	1.96
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	8	1.96
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	8	1.96
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	10	1.96
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	10	1.96
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	10	1.96
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	3	1.96
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	3	1.96
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	10	1.96
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	10	1.96
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	10	1.96
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	14	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	14	1.96
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	14	1.96
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	15	1.96
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	15	1.96
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	15	1.96
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	11	1.96
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	11	1.96
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	11	1.96
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	16	1.96
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	16	1.96
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	16	1.96
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	16	1.96
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	16	1.96
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	16	1.96
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	16	1.96
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	16	1.96
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	16	1.96
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	7	1.96
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	7	1.96
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	7	1.96
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	7	1.96
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	7	1.96
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	7	1.96
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	7	1.96
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	7	1.96
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	7	1.96
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	8	1.96
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	8	1.96
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	10	1.96
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	10	1.96
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	12	1.96
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	12	1.96
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	12	1.96
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	12	1.96
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	12	1.96
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	12	1.96
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	13	1.96
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	13	1.96
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	13	1.96
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	13	1.96
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	13	1.96
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	13	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	7	1.96
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	7	1.96
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	7	1.96
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	7	1.96
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	7	1.96
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	7	1.96
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	14	1.96
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	14	1.96
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	14	1.96
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	1	1.96
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	1	1.96
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	1	1.96
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	9	1.96
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	9	1.96
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	9	1.96
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	10	1.96
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	10	1.96
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	10	1.96
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	11	1.96
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	14	1.96
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	14	1.96
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	14	1.96
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	12	1.96
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	12	1.96
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	12	1.96
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	10	1.96
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	10	1.96
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	2	1.96
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	2	1.96
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	2	1.96
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	2	1.96
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	2	1.96
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	2	1.96
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	2	1.96
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	2	1.96
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	2	1.96
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	17	1.96
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	17	1.96
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	17	1.96
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	3	1.96
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	3	1.96
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	3	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	5	1.96
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	5	1.96
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	5	1.96
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	8	1.96
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	8	1.96
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	8	1.96
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	16	1.96
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	16	1.96
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	16	1.96
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	11	1.96
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	11	1.96
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	11	1.96
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	11	1.96
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	11	1.96
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	11	1.96
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	11	1.96
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	11	1.96
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	11	1.96
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	8	1.96
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	8	1.96
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	8	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	8	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	8	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	8	1.96
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	8	1.96
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	8	1.96
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	8	1.96
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	11	1.96
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	11	1.96
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	11	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	11	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	11	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	11	1.96
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	11	1.96
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	11	1.96
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	11	1.96
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	13	1.96
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	13	1.96
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	13	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	13	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	13	1.96
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	13	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	13	1.96
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	13	1.96
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	13	1.96
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	8	1.96
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	8	1.96
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	8	1.96
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	8	1.96
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	8	1.96
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	8	1.96
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	14	1.96
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	11	1.96
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	11	1.96
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	11	1.96
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	11	1.96
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	11	1.96
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	11	1.96
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	8	1.96
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	8	1.96
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	8	1.96
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	8	1.96
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	8	1.96
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	8	1.96
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	20	1.96
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	20	1.96
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	2	1.96
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	2	1.96
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	2	1.96
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	2	1.96
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	2	1.96
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	2	1.96
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	2	1.96
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	2	1.96
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	2	1.96
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	11	1.96
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	18	1.96
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	14	1.96
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	14	1.96
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	14	1.96
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	14	1.96
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	14	1.96
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	14	1.96
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	14	1.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	14	1.96
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	14	1.96
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	11	1.96
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	11	1.96
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	11	1.96
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	10	1.96
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	10	1.96
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	10	1.96
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	11	1.95
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	11	1.95
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	5	1.95
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	5	1.95
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	18	1.95
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	18	1.95
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	18	1.95
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	18	1.95
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	18	1.95
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	18	1.95
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	18	1.95
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	18	1.95
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	9	1.95
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	9	1.95
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	9	1.95
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	9	1.95
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	9	1.95
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	9	1.95
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	9	1.95
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	9	1.95
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	9	1.95
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	9	1.95
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	20	1.95
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	20	1.95
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	17	1.95
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	17	1.95
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	17	1.95
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	17	1.95
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	17	1.95
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	17	1.95
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	8	1.95
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	8	1.95
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	4	1.95
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	4	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	2	1.95
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	2	1.95
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	11	1.95
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	11	1.95
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	9	1.95
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	19	1.95
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	19	1.95
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	19	1.95
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	19	1.95
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	11	1.95
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	15	1.95
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	12	1.95
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	12	1.95
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	8	1.95
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	19	1.95
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	18	1.95
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	18	1.95
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	18	1.95
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	6	1.95
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	19	1.95
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	2	1.95
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	2	1.95
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	2	1.95
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	2	1.95
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	2	1.95
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	2	1.95
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD22	13	1.95
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD23	13	1.95
(1,2902)	1:901:A:PHE:HE2	1:926:A:LEU:HD21	13	1.95
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD22	13	1.95
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD23	13	1.95
(1,2902)	1:901:A:PHE:HE1	1:926:A:LEU:HD21	13	1.95
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	9	1.95
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	9	1.95
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	9	1.95
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	5	1.95
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	5	1.95
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	5	1.95
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	1	1.95
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	1	1.95
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	1	1.95
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	12	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	12	1.95
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	12	1.95
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	12	1.95
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	12	1.95
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	12	1.95
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	12	1.95
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	12	1.95
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	12	1.95
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	12	1.95
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	12	1.95
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	12	1.95
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	2	1.95
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	2	1.95
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	2	1.95
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	17	1.95
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	17	1.95
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	17	1.95
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	2	1.95
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	2	1.95
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	2	1.95
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	10	1.95
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	10	1.95
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	10	1.95
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	11	1.95
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	13	1.95
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	11	1.95
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	11	1.95
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	11	1.95
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	17	1.95
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	17	1.95
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	17	1.95
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	1	1.95
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	1	1.95
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	1	1.95
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	2	1.95
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	2	1.95
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	2	1.95
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	17	1.95
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	17	1.95
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	17	1.95
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	18	1.95
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	18	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	18	1.95
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	17	1.95
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	17	1.95
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	17	1.95
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	17	1.95
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	17	1.95
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	14	1.95
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	14	1.95
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	14	1.95
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	3	1.95
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	3	1.95
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	20	1.95
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	20	1.95
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	13	1.95
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	1	1.95
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	1	1.95
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	3	1.95
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	3	1.95
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	9	1.95
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	9	1.95
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	2	1.95
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	2	1.95
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	3	1.95
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	3	1.95
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	12	1.95
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	13	1.95
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	13	1.95
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	1	1.95
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	1	1.95
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	1	1.95
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	1	1.95
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	1	1.95
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	1	1.95
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	17	1.95
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	17	1.95
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	17	1.95
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	17	1.95
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	17	1.95
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	17	1.95
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	2	1.95
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	2	1.95
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	2	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	2	1.95
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	8	1.95
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	8	1.95
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	8	1.95
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	8	1.95
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	8	1.95
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	8	1.95
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	9	1.95
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	9	1.95
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	9	1.95
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	1	1.95
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	1	1.95
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	7	1.95
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	7	1.95
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	7	1.95
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	7	1.95
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	7	1.95
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	7	1.95
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	1	1.95
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	1	1.95
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	1	1.95
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	1	1.95
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	1	1.95
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	1	1.95
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	14	1.95
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	14	1.95
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	14	1.95
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	14	1.95
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	14	1.95
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	14	1.95
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	9	1.95
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	9	1.95
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	9	1.95
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	9	1.95
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	6	1.95
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	6	1.95
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	15	1.95
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	15	1.95
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	15	1.95
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	15	1.95
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	15	1.95
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	15	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	18	1.95
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	18	1.95
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	18	1.95
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	5	1.95
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	5	1.95
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	5	1.95
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	5	1.95
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	5	1.95
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	5	1.95
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	14	1.95
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	14	1.95
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	14	1.95
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	14	1.95
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	14	1.95
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	14	1.95
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	7	1.95
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	7	1.95
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	5	1.95
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	5	1.95
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	5	1.95
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	19	1.95
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	18	1.95
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	18	1.95
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	18	1.95
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	10	1.95
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	10	1.95
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	13	1.95
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	13	1.95
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	13	1.95
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	20	1.95
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	20	1.95
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	20	1.95
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	6	1.95
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	6	1.95
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	6	1.95
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	13	1.95
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	13	1.95
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	13	1.95
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	5	1.95
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	5	1.95
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	18	1.95
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	18	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	9	1.95
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	9	1.95
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	9	1.95
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	18	1.95
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	18	1.95
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	18	1.95
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	19	1.95
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	19	1.95
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	19	1.95
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	2	1.95
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	2	1.95
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	2	1.95
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	20	1.95
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	20	1.95
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	17	1.95
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	1	1.95
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	1	1.95
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	14	1.95
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	14	1.95
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	9	1.95
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	9	1.95
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	9	1.95
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	16	1.95
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	16	1.95
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	16	1.95
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	3	1.95
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	3	1.95
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	3	1.95
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	6	1.95
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	6	1.95
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	15	1.95
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	15	1.95
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	19	1.95
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	1	1.95
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	17	1.95
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	17	1.95
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	14	1.95
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	15	1.95
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	15	1.95
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	15	1.95
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	5	1.95
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	11	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	11	1.95
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	11	1.95
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	11	1.95
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	11	1.95
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	11	1.95
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	12	1.95
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	12	1.95
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	12	1.95
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	12	1.95
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	12	1.95
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	12	1.95
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	12	1.95
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	12	1.95
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	12	1.95
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	16	1.95
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	16	1.95
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	16	1.95
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	15	1.95
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	15	1.95
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	15	1.95
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	14	1.95
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	2	1.95
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	8	1.95
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	8	1.95
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	8	1.95
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	19	1.95
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	19	1.95
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	19	1.95
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	6	1.95
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	6	1.95
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	20	1.95
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	20	1.95
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	20	1.95
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	12	1.95
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	12	1.95
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	12	1.95
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	16	1.95
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	16	1.95
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	16	1.95
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	17	1.95
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	17	1.95
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	17	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	20	1.95
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	20	1.95
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	20	1.95
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	8	1.95
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	8	1.95
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	8	1.95
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	18	1.95
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	18	1.95
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	18	1.95
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	1	1.95
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	1	1.95
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	1	1.95
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	1	1.95
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	1	1.95
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	1	1.95
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	1	1.95
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	1	1.95
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	1	1.95
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	11	1.95
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	11	1.95
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	11	1.95
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	11	1.95
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	11	1.95
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	11	1.95
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	11	1.95
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	11	1.95
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	11	1.95
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	12	1.95
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	12	1.95
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	12	1.95
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	17	1.95
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	17	1.95
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	17	1.95
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	12	1.95
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	12	1.95
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	3	1.95
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	3	1.95
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	3	1.95
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	3	1.95
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	3	1.95
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	3	1.95
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	9	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	9	1.95
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	9	1.95
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	9	1.95
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	9	1.95
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	9	1.95
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	4	1.95
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	4	1.95
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	4	1.95
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	10	1.95
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	10	1.95
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	12	1.95
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	12	1.95
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	9	1.95
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	9	1.95
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	9	1.95
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	13	1.95
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	13	1.95
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	13	1.95
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	13	1.95
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	13	1.95
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	13	1.95
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	20	1.95
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	20	1.95
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	20	1.95
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	20	1.95
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	20	1.95
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	20	1.95
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	5	1.95
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	5	1.95
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	5	1.95
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	5	1.95
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	5	1.95
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	5	1.95
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	5	1.95
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	5	1.95
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	5	1.95
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD21	17	1.95
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD22	17	1.95
(1,496)	1:870:A:TYR:HE2	1:874:A:LEU:HD23	17	1.95
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD21	17	1.95
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD22	17	1.95
(1,496)	1:870:A:TYR:HE1	1:874:A:LEU:HD23	17	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	4	1.95
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	4	1.95
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	4	1.95
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	4	1.95
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	4	1.95
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	4	1.95
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	4	1.95
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	4	1.95
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	4	1.95
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	7	1.95
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	7	1.95
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	7	1.95
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	7	1.95
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	7	1.95
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	7	1.95
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	7	1.95
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	7	1.95
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	7	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	6	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	6	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	6	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	8	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	8	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	8	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	18	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	18	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	18	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	19	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	19	1.95
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	19	1.95
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	12	1.95
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	12	1.95
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	12	1.95
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	20	1.95
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	20	1.95
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	20	1.95
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	2	1.95
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	2	1.95
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	2	1.95
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	19	1.95
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	19	1.95
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	19	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	17	1.95
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	17	1.95
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	17	1.95
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	4	1.95
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	4	1.95
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	4	1.95
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	18	1.95
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	18	1.95
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	18	1.95
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	5	1.95
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	5	1.95
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	5	1.95
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	17	1.95
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	17	1.95
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	17	1.95
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	18	1.95
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	18	1.95
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	18	1.95
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	1	1.95
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	4	1.95
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	8	1.95
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	8	1.95
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	8	1.95
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	8	1.95
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	8	1.95
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	8	1.95
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	8	1.95
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	8	1.95
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	8	1.95
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	14	1.95
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	14	1.95
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	14	1.95
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	14	1.95
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	14	1.95
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	14	1.95
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	14	1.95
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	14	1.95
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	14	1.95
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	19	1.95
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	19	1.95
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	19	1.95
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	19	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	19	1.95
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	19	1.95
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	19	1.95
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	19	1.95
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	19	1.95
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	3	1.95
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	3	1.95
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	3	1.95
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	2	1.95
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	2	1.95
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	2	1.95
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	14	1.95
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	14	1.95
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	14	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	9	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	9	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	9	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	10	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	10	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	10	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	11	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	11	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	11	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	13	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	13	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	13	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	17	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	17	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	17	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	18	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	18	1.95
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	18	1.95
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	19	1.95
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	19	1.95
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	19	1.95
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	4	1.95
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	4	1.95
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	4	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	1	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	1	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	1	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	1	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	1	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	1	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	1	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	1	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	1	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	3	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	3	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	3	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	3	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	3	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	3	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	3	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	3	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	3	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	15	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	15	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	15	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	15	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	15	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	15	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	15	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	15	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	15	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	17	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	17	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	17	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	17	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	17	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	17	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	17	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	17	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	17	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	18	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	18	1.95
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	18	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	18	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	18	1.95
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	18	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	18	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	18	1.95
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	18	1.95
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	7	1.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	7	1.95
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	7	1.95
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	7	1.95
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	7	1.95
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	7	1.95
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	12	1.95
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	12	1.95
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	12	1.95
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	12	1.95
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	12	1.95
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	12	1.95
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	19	1.95
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	19	1.95
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	19	1.95
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	19	1.95
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	9	1.95
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	17	1.95
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	17	1.95
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	17	1.95
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	13	1.95
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	19	1.95
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	16	1.95
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	16	1.95
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	16	1.95
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	16	1.95
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	16	1.95
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	16	1.95
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	9	1.95
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	9	1.95
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	9	1.95
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	14	1.95
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	14	1.95
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	14	1.95
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	1	1.95
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	1	1.95
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	6	1.95
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	6	1.95
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	6	1.95
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	20	1.94
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	20	1.94
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	20	1.94
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	20	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	5	1.94
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	5	1.94
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	5	1.94
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	5	1.94
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	5	1.94
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	5	1.94
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	4	1.94
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	4	1.94
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	4	1.94
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	4	1.94
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	8	1.94
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	8	1.94
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	11	1.94
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	11	1.94
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	11	1.94
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	11	1.94
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	11	1.94
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	11	1.94
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	13	1.94
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	13	1.94
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	13	1.94
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	13	1.94
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	13	1.94
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	13	1.94
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	1	1.94
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	1	1.94
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB2	20	1.94
(1,3148)	1:841:A:LEU:HD22	1:845:A:LEU:HB3	20	1.94
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB2	20	1.94
(1,3148)	1:841:A:LEU:HD23	1:845:A:LEU:HB3	20	1.94
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB2	20	1.94
(1,3148)	1:841:A:LEU:HD21	1:845:A:LEU:HB3	20	1.94
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	18	1.94
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	18	1.94
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	20	1.94
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	20	1.94
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	20	1.94
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	20	1.94
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	18	1.94
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	18	1.94
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	7	1.94
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	7	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	13	1.94
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	13	1.94
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE1	18	1.94
(1,3063)	1:809:A:PHE:HB2	1:840:A:PHE:HE2	18	1.94
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE1	18	1.94
(1,3063)	1:809:A:PHE:HB3	1:840:A:PHE:HE2	18	1.94
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	7	1.94
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	7	1.94
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	7	1.94
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	7	1.94
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	8	1.94
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	8	1.94
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	8	1.94
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	8	1.94
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	11	1.94
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	11	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	1	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	1	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	1	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	3	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	3	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	3	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	9	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	9	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	9	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	12	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	12	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	12	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	14	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	14	1.94
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	14	1.94
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	18	1.94
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	18	1.94
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	18	1.94
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	18	1.94
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	18	1.94
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	18	1.94
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	18	1.94
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	8	1.94
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	8	1.94
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	8	1.94
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	13	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	13	1.94
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	13	1.94
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	18	1.94
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	18	1.94
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	18	1.94
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	1	1.94
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	1	1.94
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	1	1.94
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	5	1.94
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	5	1.94
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	5	1.94
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD13	5	1.94
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD11	5	1.94
(1,2846)	1:871:A:GLN:HG3	1:874:A:LEU:HD12	5	1.94
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	7	1.94
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	7	1.94
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	7	1.94
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	7	1.94
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	7	1.94
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	7	1.94
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	7	1.94
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	7	1.94
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	7	1.94
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	3	1.94
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	3	1.94
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	3	1.94
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	13	1.94
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	13	1.94
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	13	1.94
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	13	1.94
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	13	1.94
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	13	1.94
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	18	1.94
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	18	1.94
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	7	1.94
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	7	1.94
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	7	1.94
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	3	1.94
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	3	1.94
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	3	1.94
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	16	1.94
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	16	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	16	1.94
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	18	1.94
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	18	1.94
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	18	1.94
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	19	1.94
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	19	1.94
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	19	1.94
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	19	1.94
(1,2719)	1:914:A:LEU:HA	1:917:A:ILE:HB	4	1.94
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	4	1.94
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	4	1.94
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	4	1.94
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	4	1.94
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	9	1.94
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	9	1.94
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	9	1.94
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	9	1.94
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	8	1.94
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	8	1.94
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	10	1.94
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	10	1.94
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	6	1.94
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	6	1.94
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	6	1.94
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	20	1.94
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	20	1.94
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	20	1.94
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	15	1.94
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	15	1.94
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	15	1.94
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	19	1.94
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	19	1.94
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	19	1.94
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	14	1.94
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	2	1.94
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	7	1.94
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	7	1.94
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	13	1.94
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	13	1.94
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	1	1.94
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	1	1.94
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	9	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	9	1.94
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	1	1.94
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	1	1.94
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	13	1.94
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	13	1.94
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	13	1.94
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	14	1.94
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	3	1.94
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	3	1.94
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	3	1.94
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	3	1.94
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	3	1.94
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	3	1.94
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	5	1.94
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	5	1.94
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	5	1.94
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	5	1.94
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	5	1.94
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	5	1.94
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	13	1.94
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	13	1.94
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	13	1.94
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	13	1.94
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	13	1.94
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	13	1.94
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	17	1.94
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	17	1.94
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	17	1.94
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	17	1.94
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	17	1.94
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	17	1.94
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	18	1.94
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	18	1.94
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	18	1.94
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	18	1.94
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	18	1.94
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	18	1.94
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	1	1.94
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	1	1.94
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	15	1.94
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	15	1.94
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	3	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	3	1.94
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	3	1.94
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	3	1.94
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	3	1.94
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	3	1.94
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	8	1.94
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	8	1.94
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	8	1.94
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	8	1.94
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	8	1.94
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	8	1.94
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	5	1.94
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	5	1.94
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	5	1.94
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	5	1.94
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	5	1.94
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	5	1.94
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	17	1.94
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	17	1.94
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	17	1.94
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	17	1.94
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	17	1.94
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	17	1.94
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	11	1.94
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	11	1.94
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	11	1.94
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	11	1.94
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	11	1.94
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	11	1.94
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	14	1.94
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	14	1.94
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	2	1.94
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	2	1.94
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	2	1.94
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	18	1.94
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	18	1.94
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	18	1.94
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	18	1.94
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	18	1.94
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	18	1.94
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	9	1.94
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	9	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	2	1.94
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	2	1.94
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	2	1.94
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	19	1.94
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	16	1.94
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	16	1.94
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	16	1.94
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	3	1.94
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	3	1.94
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	3	1.94
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	11	1.94
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	11	1.94
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	18	1.94
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	18	1.94
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	16	1.94
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	16	1.94
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	16	1.94
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD12	11	1.94
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD13	11	1.94
(1,1778)	1:885:A:MET:H	1:886:A:LEU:HD11	11	1.94
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	6	1.94
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	1	1.94
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	1	1.94
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	3	1.94
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	3	1.94
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	8	1.94
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	8	1.94
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	16	1.94
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	5	1.94
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	5	1.94
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	5	1.94
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	17	1.94
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	17	1.94
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	17	1.94
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	16	1.94
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	16	1.94
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	16	1.94
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	8	1.94
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	8	1.94
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	12	1.94
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	12	1.94
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	12	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	12	1.94
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	12	1.94
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	13	1.94
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	13	1.94
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	14	1.94
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	14	1.94
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	14	1.94
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	7	1.94
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	7	1.94
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	11	1.94
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	11	1.94
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	11	1.94
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	9	1.94
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	9	1.94
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	9	1.94
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	4	1.94
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	4	1.94
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	4	1.94
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	10	1.94
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	10	1.94
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	10	1.94
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	2	1.94
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	2	1.94
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	2	1.94
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	5	1.94
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	5	1.94
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	5	1.94
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	4	1.94
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	4	1.94
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	4	1.94
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	4	1.94
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	4	1.94
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	4	1.94
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	4	1.94
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	4	1.94
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	4	1.94
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	9	1.94
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	9	1.94
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	9	1.94
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	9	1.94
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	9	1.94
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	9	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	9	1.94
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	9	1.94
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	9	1.94
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	18	1.94
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	18	1.94
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	18	1.94
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	1	1.94
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	1	1.94
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	1	1.94
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	6	1.94
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	6	1.94
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	6	1.94
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	3	1.94
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	5	1.94
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	5	1.94
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	5	1.94
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	10	1.94
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	10	1.94
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	10	1.94
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	16	1.94
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	16	1.94
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	16	1.94
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	16	1.94
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	16	1.94
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	16	1.94
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	5	1.94
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	5	1.94
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	15	1.94
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	15	1.94
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	19	1.94
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	19	1.94
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	19	1.94
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	1	1.94
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	1	1.94
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	1	1.94
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	5	1.94
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	5	1.94
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	5	1.94
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	9	1.94
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	9	1.94
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	9	1.94
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	7	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	7	1.94
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	7	1.94
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	5	1.94
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	5	1.94
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	5	1.94
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	9	1.94
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	9	1.94
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	9	1.94
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	13	1.94
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	13	1.94
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	19	1.94
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	19	1.94
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	19	1.94
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	19	1.94
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	19	1.94
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	19	1.94
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	5	1.94
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	5	1.94
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	5	1.94
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	9	1.94
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	9	1.94
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	15	1.94
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	15	1.94
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	18	1.94
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	18	1.94
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	3	1.94
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	3	1.94
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	3	1.94
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	20	1.94
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	20	1.94
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	20	1.94
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	15	1.94
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	15	1.94
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	15	1.94
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	15	1.94
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	15	1.94
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	15	1.94
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	16	1.94
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	16	1.94
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	16	1.94
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	12	1.94
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	8	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	8	1.94
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	18	1.94
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	18	1.94
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	18	1.94
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	20	1.94
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	20	1.94
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	20	1.94
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	4	1.94
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	4	1.94
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	2	1.94
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	2	1.94
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	2	1.94
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	13	1.94
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	13	1.94
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	13	1.94
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	16	1.94
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	16	1.94
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	16	1.94
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	7	1.94
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	7	1.94
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	7	1.94
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	19	1.94
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	19	1.94
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	19	1.94
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	10	1.94
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	10	1.94
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	10	1.94
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	16	1.94
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	16	1.94
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	16	1.94
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	2	1.94
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	20	1.94
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	20	1.94
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	20	1.94
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	20	1.94
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	20	1.94
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	20	1.94
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	20	1.94
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	20	1.94
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	20	1.94
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	18	1.94
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	18	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	18	1.94
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	3	1.94
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	3	1.94
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	3	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	1	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	1	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	1	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	7	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	7	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	7	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	12	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	12	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	12	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	14	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	14	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	14	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	15	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	15	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	15	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	19	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	19	1.94
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	19	1.94
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	5	1.94
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	5	1.94
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	5	1.94
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	5	1.94
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	5	1.94
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	5	1.94
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	5	1.94
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	5	1.94
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	5	1.94
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	16	1.94
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	16	1.94
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	16	1.94
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	16	1.94
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	16	1.94
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	16	1.94
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	16	1.94
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	16	1.94
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	16	1.94
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	4	1.94
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	4	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	4	1.94
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	4	1.94
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	4	1.94
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	4	1.94
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	4	1.94
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	4	1.94
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	4	1.94
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD21	12	1.94
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD22	12	1.94
(1,271)	1:841:A:LEU:HD22	1:845:A:LEU:HD23	12	1.94
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD21	12	1.94
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD22	12	1.94
(1,271)	1:841:A:LEU:HD23	1:845:A:LEU:HD23	12	1.94
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD21	12	1.94
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD22	12	1.94
(1,271)	1:841:A:LEU:HD21	1:845:A:LEU:HD23	12	1.94
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	2	1.94
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	2	1.94
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	2	1.94
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	1	1.94
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	1	1.94
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	1	1.94
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	1	1.94
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	12	1.94
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	12	1.94
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	12	1.94
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	1	1.94
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	1	1.94
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	1	1.94
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	2	1.94
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	2	1.94
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	2	1.94
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	2	1.94
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	2	1.94
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	2	1.94
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	17	1.94
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	17	1.94
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	17	1.94
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	17	1.94
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	17	1.94
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	17	1.94
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	17	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	17	1.94
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	17	1.94
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	1	1.94
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	1	1.94
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	1	1.94
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	6	1.94
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	6	1.94
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	6	1.94
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	10	1.94
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	8	1.94
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	8	1.94
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	8	1.94
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	15	1.94
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	15	1.94
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	15	1.94
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	17	1.94
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	17	1.94
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	17	1.94
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	2	1.94
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	17	1.94
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	17	1.94
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	12	1.94
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	12	1.94
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	12	1.94
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	12	1.94
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	12	1.94
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	12	1.94
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	12	1.94
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	12	1.94
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	12	1.94
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	2	1.94
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	2	1.94
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	2	1.94
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	2	1.94
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	2	1.94
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	2	1.94
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	2	1.94
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	2	1.94
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	2	1.94
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	16	1.94
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	16	1.94
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	16	1.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	16	1.94
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	16	1.94
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	16	1.94
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	16	1.94
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	16	1.94
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	16	1.94
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	18	1.94
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	18	1.94
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	18	1.94
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	3	1.94
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	3	1.94
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	3	1.94
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	7	1.94
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	7	1.94
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	7	1.94
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	19	1.94
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	19	1.94
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	19	1.94
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	17	1.94
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	17	1.94
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	17	1.94
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	9	1.94
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	9	1.94
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	9	1.94
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	13	1.94
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	13	1.94
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	13	1.94
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	4	1.94
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	4	1.94
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	4	1.94
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	11	1.94
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	11	1.94
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	11	1.94
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE2	18	1.93
(1,3374)	1:917:A:ILE:HG21	1:921:A:LYS:HE3	18	1.93
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE2	18	1.93
(1,3374)	1:917:A:ILE:HG22	1:921:A:LYS:HE3	18	1.93
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE2	18	1.93
(1,3374)	1:917:A:ILE:HG23	1:921:A:LYS:HE3	18	1.93
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	8	1.93
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	8	1.93
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	13	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	13	1.93
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	14	1.93
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	14	1.93
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	5	1.93
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	5	1.93
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	5	1.93
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	5	1.93
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	14	1.93
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	14	1.93
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	14	1.93
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	14	1.93
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	13	1.93
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	13	1.93
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	13	1.93
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	13	1.93
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	15	1.93
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	15	1.93
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	15	1.93
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	15	1.93
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	10	1.93
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	10	1.93
(1,3265)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	10	1.93
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD21	10	1.93
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD22	10	1.93
(1,3265)	1:870:A:TYR:HB2	1:904:A:LEU:HD23	10	1.93
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	20	1.93
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	20	1.93
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	11	1.93
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	11	1.93
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	11	1.93
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	6	1.93
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	6	1.93
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	6	1.93
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	6	1.93
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	6	1.93
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	6	1.93
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD23	9	1.93
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD21	9	1.93
(1,3221)	1:857:A:LEU:HB3	1:900:A:LEU:HD22	9	1.93
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD23	9	1.93
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD21	9	1.93
(1,3221)	1:857:A:LEU:HB2	1:900:A:LEU:HD22	9	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	6	1.93
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	6	1.93
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	19	1.93
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	19	1.93
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	19	1.93
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	19	1.93
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	7	1.93
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	7	1.93
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	7	1.93
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	7	1.93
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	9	1.93
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	9	1.93
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	9	1.93
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	9	1.93
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	10	1.93
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	10	1.93
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	6	1.93
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	6	1.93
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	10	1.93
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	10	1.93
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	10	1.93
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	10	1.93
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	10	1.93
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	10	1.93
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	15	1.93
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	15	1.93
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	15	1.93
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	15	1.93
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	15	1.93
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	15	1.93
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	2	1.93
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	2	1.93
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	2	1.93
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	2	1.93
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	4	1.93
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	7	1.93
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	12	1.93
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	14	1.93
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	14	1.93
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD11	4	1.93
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD12	4	1.93
(1,2901)	1:840:A:PHE:H	1:841:A:LEU:HD13	4	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	1	1.93
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	1	1.93
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	1	1.93
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	1	1.93
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	1	1.93
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	8	1.93
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	8	1.93
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	8	1.93
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	14	1.93
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	14	1.93
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	14	1.93
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	3	1.93
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	3	1.93
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	3	1.93
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	6	1.93
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	6	1.93
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	6	1.93
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	11	1.93
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	11	1.93
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	11	1.93
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	7	1.93
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	7	1.93
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	7	1.93
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	7	1.93
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	7	1.93
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	7	1.93
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	7	1.93
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	7	1.93
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	7	1.93
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	16	1.93
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	16	1.93
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	16	1.93
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	5	1.93
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	5	1.93
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	5	1.93
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	17	1.93
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	17	1.93
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	17	1.93
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	17	1.93
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	17	1.93
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	17	1.93
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	17	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	17	1.93
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	17	1.93
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	5	1.93
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	5	1.93
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	5	1.93
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD23	4	1.93
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD21	4	1.93
(1,2773)	1:850:A:PHE:HA	1:853:A:LEU:HD22	4	1.93
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	14	1.93
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	14	1.93
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	14	1.93
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD21	16	1.93
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD22	16	1.93
(1,2682)	1:829:A:LEU:H	1:829:A:LEU:HD23	16	1.93
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	13	1.93
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	13	1.93
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	9	1.93
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	9	1.93
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	9	1.93
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	19	1.93
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	19	1.93
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	19	1.93
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	6	1.93
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	6	1.93
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	6	1.93
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	16	1.93
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	16	1.93
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	16	1.93
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	16	1.93
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	6	1.93
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	6	1.93
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	6	1.93
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	1	1.93
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	1	1.93
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	1	1.93
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	6	1.93
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	6	1.93
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	6	1.93
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	15	1.93
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	15	1.93
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	15	1.93
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	15	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	15	1.93
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	15	1.93
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	18	1.93
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	18	1.93
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	18	1.93
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	18	1.93
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	9	1.93
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	19	1.93
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	6	1.93
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	6	1.93
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	18	1.93
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	18	1.93
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	20	1.93
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	20	1.93
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	20	1.93
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	2	1.93
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	2	1.93
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	2	1.93
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	2	1.93
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	2	1.93
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	2	1.93
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	8	1.93
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	8	1.93
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	8	1.93
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	8	1.93
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	8	1.93
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	8	1.93
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	10	1.93
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	10	1.93
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	10	1.93
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	10	1.93
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	10	1.93
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	10	1.93
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	20	1.93
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	20	1.93
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	19	1.93
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	19	1.93
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	19	1.93
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	19	1.93
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	19	1.93
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	19	1.93
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	3	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	3	1.93
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	15	1.93
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	15	1.93
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	15	1.93
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	15	1.93
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	15	1.93
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	15	1.93
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	12	1.93
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	12	1.93
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	12	1.93
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	12	1.93
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	4	1.93
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	4	1.93
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	4	1.93
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	4	1.93
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	4	1.93
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	4	1.93
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	12	1.93
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	12	1.93
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	14	1.93
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	14	1.93
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	14	1.93
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	14	1.93
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	14	1.93
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	14	1.93
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	10	1.93
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	10	1.93
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	10	1.93
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	10	1.93
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	10	1.93
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	10	1.93
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	7	1.93
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	7	1.93
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	4	1.93
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	4	1.93
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	4	1.93
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	4	1.93
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	4	1.93
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	4	1.93
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	18	1.93
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	18	1.93
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	18	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	18	1.93
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	18	1.93
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	18	1.93
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	6	1.93
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	6	1.93
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	6	1.93
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	19	1.93
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	19	1.93
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	19	1.93
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	19	1.93
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	19	1.93
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	19	1.93
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	2	1.93
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	2	1.93
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	2	1.93
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	9	1.93
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	16	1.93
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	2	1.93
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	2	1.93
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	9	1.93
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	12	1.93
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	12	1.93
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	1	1.93
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	15	1.93
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	17	1.93
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	6	1.93
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	6	1.93
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	6	1.93
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	4	1.93
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	4	1.93
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	4	1.93
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	4	1.93
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	9	1.93
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	9	1.93
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	15	1.93
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	17	1.93
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	17	1.93
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	17	1.93
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	3	1.93
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	3	1.93
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	5	1.93
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	5	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	12	1.93
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	12	1.93
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	1	1.93
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	3	1.93
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	13	1.93
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	16	1.93
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	2	1.93
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	20	1.93
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	20	1.93
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	20	1.93
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	5	1.93
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	4	1.93
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	4	1.93
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	4	1.93
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	1	1.93
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	1	1.93
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	16	1.93
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	16	1.93
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	12	1.93
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	12	1.93
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	12	1.93
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	18	1.93
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	18	1.93
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	18	1.93
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	19	1.93
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	19	1.93
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	19	1.93
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	4	1.93
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	4	1.93
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	5	1.93
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	2	1.93
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	2	1.93
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	4	1.93
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	4	1.93
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	4	1.93
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	14	1.93
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	14	1.93
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	1	1.93
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	1	1.93
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	1	1.93
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	6	1.93
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	6	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	6	1.93
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	6	1.93
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	6	1.93
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	6	1.93
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	6	1.93
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	6	1.93
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	6	1.93
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	1	1.93
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	1	1.93
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	1	1.93
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	1	1.93
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	1	1.93
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	1	1.93
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	3	1.93
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	3	1.93
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	3	1.93
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	3	1.93
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	3	1.93
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	3	1.93
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	5	1.93
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	5	1.93
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	1	1.93
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	1	1.93
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	1	1.93
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	16	1.93
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	16	1.93
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	16	1.93
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	16	1.93
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	16	1.93
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	16	1.93
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	20	1.93
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	20	1.93
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	20	1.93
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	20	1.93
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	20	1.93
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	20	1.93
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	12	1.93
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	12	1.93
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	12	1.93
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	16	1.93
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	16	1.93
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	16	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	16	1.93
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	20	1.93
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	20	1.93
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	20	1.93
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	4	1.93
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	4	1.93
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	4	1.93
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	13	1.93
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	13	1.93
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	13	1.93
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	6	1.93
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	6	1.93
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	6	1.93
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	13	1.93
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	13	1.93
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	13	1.93
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	4	1.93
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	4	1.93
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	4	1.93
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	20	1.93
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	20	1.93
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	20	1.93
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	3	1.93
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	3	1.93
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	3	1.93
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	5	1.93
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	5	1.93
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	5	1.93
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	4	1.93
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	4	1.93
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	9	1.93
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	9	1.93
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	16	1.93
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	16	1.93
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	15	1.93
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	15	1.93
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	15	1.93
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	15	1.93
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	15	1.93
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	15	1.93
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	1	1.93
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	1	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	4	1.93
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	4	1.93
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	14	1.93
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	14	1.93
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	17	1.93
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	17	1.93
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	19	1.93
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	19	1.93
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	16	1.93
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	16	1.93
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	16	1.93
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	12	1.93
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	12	1.93
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	12	1.93
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	2	1.93
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	2	1.93
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	2	1.93
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	10	1.93
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	10	1.93
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	10	1.93
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	15	1.93
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	15	1.93
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	15	1.93
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	15	1.93
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	15	1.93
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	15	1.93
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	15	1.93
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	15	1.93
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	15	1.93
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	13	1.93
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	13	1.93
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	13	1.93
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	4	1.93
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	4	1.93
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	4	1.93
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	4	1.93
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	4	1.93
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	4	1.93
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	4	1.93
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	4	1.93
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	4	1.93
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	19	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	19	1.93
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	1	1.93
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	1	1.93
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	3	1.93
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	3	1.93
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	6	1.93
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	6	1.93
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	10	1.93
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	19	1.93
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	19	1.93
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	19	1.93
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	20	1.93
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	20	1.93
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	20	1.93
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	15	1.93
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	15	1.93
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	15	1.93
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	14	1.93
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	14	1.93
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	14	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	2	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	2	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	2	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	3	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	3	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	3	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	4	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	4	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	4	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	6	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	6	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	6	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD23	20	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD21	20	1.93
(1,320)	1:853:A:LEU:HB3	1:853:A:LEU:HD22	20	1.93
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	12	1.93
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	12	1.93
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	12	1.93
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	3	1.93
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	3	1.93
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	3	1.93
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	3	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	3	1.93
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	3	1.93
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	3	1.93
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	3	1.93
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	3	1.93
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	11	1.93
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	11	1.93
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	11	1.93
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	14	1.93
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	14	1.93
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	14	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	14	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	14	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	14	1.93
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	15	1.93
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	15	1.93
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	15	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	15	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	15	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	15	1.93
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	19	1.93
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	19	1.93
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	19	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	19	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	19	1.93
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	19	1.93
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	7	1.93
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	7	1.93
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	7	1.93
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	7	1.93
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	7	1.93
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	7	1.93
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	7	1.93
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	7	1.93
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	7	1.93
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	7	1.93
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	9	1.93
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	9	1.93
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	9	1.93
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	9	1.93
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	9	1.93
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	9	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	15	1.93
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	15	1.93
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	15	1.93
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	15	1.93
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	15	1.93
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	15	1.93
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	12	1.93
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	12	1.93
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	12	1.93
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	12	1.93
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	12	1.93
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	12	1.93
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	6	1.93
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	6	1.93
(1,184)	1:829:A:LEU:HA	1:832:A:THR:HG1	4	1.93
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	2	1.93
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	2	1.93
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	2	1.93
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	12	1.93
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	12	1.93
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	12	1.93
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	1	1.93
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	1	1.93
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	1	1.93
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	16	1.93
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	16	1.93
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	16	1.93
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	16	1.93
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	16	1.93
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	16	1.93
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	3	1.92
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	3	1.92
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	3	1.92
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	3	1.92
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	18	1.92
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	18	1.92
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	18	1.92
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	18	1.92
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	19	1.92
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	19	1.92
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	19	1.92
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	19	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	4	1.92
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	4	1.92
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	4	1.92
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	4	1.92
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	4	1.92
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	4	1.92
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	15	1.92
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	15	1.92
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	20	1.92
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	20	1.92
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	16	1.92
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	16	1.92
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	16	1.92
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	16	1.92
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	16	1.92
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	16	1.92
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD21	4	1.92
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD22	4	1.92
(1,3256)	1:866:A:PRO:HG2	1:904:A:LEU:HD23	4	1.92
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD21	4	1.92
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD22	4	1.92
(1,3256)	1:866:A:PRO:HG3	1:904:A:LEU:HD23	4	1.92
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	15	1.92
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	15	1.92
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	11	1.92
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	11	1.92
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	13	1.92
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	13	1.92
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	16	1.92
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	16	1.92
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	20	1.92
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	20	1.92
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	19	1.92
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	19	1.92
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	6	1.92
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	6	1.92
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	19	1.92
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	19	1.92
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	3	1.92
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	3	1.92
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	3	1.92
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	3	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	10	1.92
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	10	1.92
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	10	1.92
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	10	1.92
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	11	1.92
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	11	1.92
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	11	1.92
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	18	1.92
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	18	1.92
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	18	1.92
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	17	1.92
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	17	1.92
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	17	1.92
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	10	1.92
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	10	1.92
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	10	1.92
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	15	1.92
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	15	1.92
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	15	1.92
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	13	1.92
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	13	1.92
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	13	1.92
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	1	1.92
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	1	1.92
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	1	1.92
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	8	1.92
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	8	1.92
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	8	1.92
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	8	1.92
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	8	1.92
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	8	1.92
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	8	1.92
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	8	1.92
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	8	1.92
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	17	1.92
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	17	1.92
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	17	1.92
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	3	1.92
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	3	1.92
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	3	1.92
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	16	1.92
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	16	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	16	1.92
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	7	1.92
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	7	1.92
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	7	1.92
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	14	1.92
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	14	1.92
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	14	1.92
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	14	1.92
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	20	1.92
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	20	1.92
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	20	1.92
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	10	1.92
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	10	1.92
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	10	1.92
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	1	1.92
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	1	1.92
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	1	1.92
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD1	18	1.92
(1,2617)	1:874:A:LEU:HB3	1:875:A:TYR:HD2	18	1.92
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	5	1.92
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	5	1.92
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	5	1.92
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	9	1.92
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	9	1.92
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	9	1.92
(1,2544)	1:855:A:GLN:HE22	1:896:A:LEU:HB3	5	1.92
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	15	1.92
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	12	1.92
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	12	1.92
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	12	1.92
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD1	11	1.92
(1,2479)	1:923:A:GLN:HB2	1:924:A:TYR:HD2	11	1.92
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	17	1.92
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	12	1.92
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	12	1.92
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	19	1.92
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	19	1.92
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	16	1.92
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	16	1.92
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	16	1.92
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	16	1.92
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	16	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	16	1.92
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	3	1.92
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	3	1.92
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	3	1.92
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	6	1.92
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	6	1.92
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	6	1.92
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	6	1.92
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	2	1.92
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	2	1.92
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	2	1.92
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	2	1.92
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	2	1.92
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	2	1.92
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	17	1.92
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	17	1.92
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	17	1.92
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	17	1.92
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	17	1.92
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	17	1.92
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	1	1.92
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	1	1.92
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	1	1.92
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	11	1.92
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	11	1.92
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	11	1.92
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	3	1.92
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	3	1.92
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	3	1.92
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	3	1.92
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	3	1.92
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	3	1.92
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	3	1.92
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	3	1.92
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	13	1.92
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	13	1.92
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	13	1.92
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	13	1.92
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	13	1.92
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	13	1.92
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	14	1.92
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	14	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	14	1.92
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	14	1.92
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	10	1.92
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	10	1.92
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	10	1.92
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	10	1.92
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	14	1.92
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	14	1.92
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	18	1.92
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	18	1.92
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	3	1.92
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	3	1.92
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	3	1.92
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	3	1.92
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	3	1.92
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	3	1.92
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	3	1.92
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	3	1.92
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	1	1.92
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	1	1.92
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	1	1.92
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	1	1.92
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	1	1.92
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	1	1.92
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	10	1.92
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	10	1.92
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	7	1.92
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	7	1.92
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	7	1.92
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	13	1.92
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	13	1.92
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	13	1.92
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	5	1.92
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	5	1.92
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	4	1.92
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	19	1.92
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	19	1.92
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	19	1.92
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	11	1.92
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	3	1.92
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	7	1.92
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	1	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	19	1.92
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	5	1.92
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	2	1.92
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	2	1.92
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	2	1.92
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	19	1.92
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	19	1.92
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	19	1.92
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	4	1.92
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	4	1.92
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	11	1.92
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	11	1.92
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	8	1.92
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	8	1.92
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	8	1.92
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	4	1.92
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	4	1.92
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	4	1.92
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	17	1.92
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	17	1.92
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	18	1.92
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	15	1.92
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	2	1.92
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	2	1.92
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	2	1.92
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	9	1.92
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	13	1.92
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	8	1.92
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	8	1.92
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	12	1.92
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	12	1.92
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	5	1.92
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	5	1.92
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	5	1.92
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	6	1.92
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	6	1.92
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	6	1.92
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	3	1.92
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	3	1.92
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	3	1.92
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	9	1.92
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	9	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	9	1.92
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	10	1.92
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	10	1.92
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	18	1.92
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	18	1.92
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	8	1.92
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	8	1.92
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	8	1.92
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	8	1.92
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	8	1.92
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	8	1.92
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	10	1.92
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	10	1.92
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	15	1.92
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	15	1.92
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	15	1.92
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	19	1.92
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	19	1.92
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	19	1.92
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	10	1.92
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	10	1.92
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	14	1.92
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	14	1.92
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	14	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	3	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	3	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	3	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	8	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	8	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	8	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	14	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	14	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	14	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	17	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	17	1.92
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	17	1.92
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	14	1.92
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	14	1.92
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	14	1.92
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	14	1.92
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	14	1.92
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	14	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	15	1.92
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	15	1.92
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	15	1.92
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	15	1.92
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	15	1.92
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	15	1.92
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	20	1.92
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	20	1.92
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	20	1.92
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	20	1.92
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	20	1.92
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	20	1.92
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	18	1.92
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	18	1.92
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	18	1.92
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	18	1.92
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	18	1.92
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	18	1.92
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	18	1.92
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	18	1.92
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	18	1.92
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	17	1.92
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	9	1.92
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	9	1.92
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	9	1.92
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD11	6	1.92
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD12	6	1.92
(1,688)	1:900:A:LEU:HB3	1:900:A:LEU:HD13	6	1.92
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	9	1.92
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	9	1.92
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	9	1.92
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	16	1.92
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	16	1.92
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	16	1.92
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	17	1.92
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	17	1.92
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	17	1.92
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD11	15	1.92
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD12	15	1.92
(1,660)	1:886:A:LEU:HD21	1:897:A:ILE:HD13	15	1.92
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD11	15	1.92
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD12	15	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,660)	1:886:A:LEU:HD22	1:897:A:ILE:HD13	15	1.92
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD11	15	1.92
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD12	15	1.92
(1,660)	1:886:A:LEU:HD23	1:897:A:ILE:HD13	15	1.92
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	4	1.92
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	4	1.92
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	4	1.92
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	11	1.92
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	11	1.92
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	19	1.92
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	19	1.92
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	19	1.92
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	6	1.92
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	6	1.92
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	6	1.92
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	6	1.92
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	6	1.92
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	6	1.92
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB3	15	1.92
(1,565)	1:886:A:LEU:HD12	1:925:A:GLU:HB2	15	1.92
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB3	15	1.92
(1,565)	1:886:A:LEU:HD13	1:925:A:GLU:HB2	15	1.92
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB3	15	1.92
(1,565)	1:886:A:LEU:HD11	1:925:A:GLU:HB2	15	1.92
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	11	1.92
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	11	1.92
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	11	1.92
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	11	1.92
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	11	1.92
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	11	1.92
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	16	1.92
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	16	1.92
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	16	1.92
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	9	1.92
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	9	1.92
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	9	1.92
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	9	1.92
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	9	1.92
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	9	1.92
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	9	1.92
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	9	1.92
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	9	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	12	1.92
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	12	1.92
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	12	1.92
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	12	1.92
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	12	1.92
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	12	1.92
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	12	1.92
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	12	1.92
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	12	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	5	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	5	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	5	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	14	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	14	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	14	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	17	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	17	1.92
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	17	1.92
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	10	1.92
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	3	1.92
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	3	1.92
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	3	1.92
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	4	1.92
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	4	1.92
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	4	1.92
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	6	1.92
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	6	1.92
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	6	1.92
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	1	1.92
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	1	1.92
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	12	1.92
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	12	1.92
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	3	1.92
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	3	1.92
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	3	1.92
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	1	1.92
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	1	1.92
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	1	1.92
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	11	1.92
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	17	1.92
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	5	1.92
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	18	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	18	1.92
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	18	1.92
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	11	1.92
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	11	1.92
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	11	1.92
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	11	1.92
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	11	1.92
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	11	1.92
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	11	1.92
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	11	1.92
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	11	1.92
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	19	1.92
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	19	1.92
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	19	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	1	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	1	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	1	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	5	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	5	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	5	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	9	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	9	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	9	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	16	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	16	1.92
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	16	1.92
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	13	1.92
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	13	1.92
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	13	1.92
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	6	1.92
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	6	1.92
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	6	1.92
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	6	1.92
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	6	1.92
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	6	1.92
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	7	1.92
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	15	1.92
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	15	1.92
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	15	1.92
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	1	1.92
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	1	1.92
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	1	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	1	1.92
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	1	1.92
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	1	1.92
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	9	1.92
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	9	1.92
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	9	1.92
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	5	1.92
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	4	1.92
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	4	1.92
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	4	1.92
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	4	1.92
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	4	1.92
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	4	1.92
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	4	1.92
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	4	1.92
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	4	1.92
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	8	1.92
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	8	1.92
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	8	1.92
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	20	1.92
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	20	1.92
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	20	1.92
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	9	1.92
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	9	1.92
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	9	1.92
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	20	1.92
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	20	1.92
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	20	1.92
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	19	1.92
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	19	1.92
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	19	1.92
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	19	1.92
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	19	1.92
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	19	1.92
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	19	1.92
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	19	1.92
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	19	1.92
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	7	1.92
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	7	1.92
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	7	1.92
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	5	1.92
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	5	1.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	5	1.92
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	17	1.91
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	17	1.91
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	17	1.91
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	17	1.91
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	17	1.91
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	17	1.91
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	20	1.91
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	20	1.91
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	20	1.91
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	20	1.91
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	18	1.91
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	18	1.91
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	1	1.91
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	1	1.91
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	16	1.91
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	16	1.91
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	16	1.91
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	16	1.91
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	16	1.91
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	16	1.91
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	19	1.91
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	19	1.91
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	20	1.91
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	20	1.91
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	1	1.91
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	1	1.91
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	1	1.91
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	1	1.91
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	1	1.91
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	1	1.91
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	12	1.91
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	12	1.91
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	20	1.91
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	20	1.91
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	15	1.91
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	15	1.91
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB2	4	1.91
(1,3116)	1:833:A:ALA:HB3	1:836:A:ASP:HB3	4	1.91
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB2	4	1.91
(1,3116)	1:833:A:ALA:HB1	1:836:A:ASP:HB3	4	1.91
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB2	4	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3116)	1:833:A:ALA:HB2	1:836:A:ASP:HB3	4	1.91
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	15	1.91
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	15	1.91
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	9	1.91
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	9	1.91
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	19	1.91
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	19	1.91
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	20	1.91
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	20	1.91
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	20	1.91
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	20	1.91
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	17	1.91
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	17	1.91
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	17	1.91
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	17	1.91
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	7	1.91
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	7	1.91
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	7	1.91
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	7	1.91
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	2	1.91
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	17	1.91
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	16	1.91
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	4	1.91
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	4	1.91
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	4	1.91
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	8	1.91
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	8	1.91
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	8	1.91
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	8	1.91
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	8	1.91
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	8	1.91
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	8	1.91
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	8	1.91
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	8	1.91
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	8	1.91
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	8	1.91
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	8	1.91
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	1	1.91
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	1	1.91
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	1	1.91
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	1	1.91
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	1	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	1	1.91
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	1	1.91
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	1	1.91
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	1	1.91
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	4	1.91
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	4	1.91
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	4	1.91
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	16	1.91
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	16	1.91
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	16	1.91
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	7	1.91
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	7	1.91
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	7	1.91
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	18	1.91
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	18	1.91
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	18	1.91
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	18	1.91
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	18	1.91
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	18	1.91
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	6	1.91
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	6	1.91
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	6	1.91
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	7	1.91
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	7	1.91
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	7	1.91
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	11	1.91
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	11	1.91
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	11	1.91
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	14	1.91
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	14	1.91
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	14	1.91
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	1	1.91
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	8	1.91
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	8	1.91
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	8	1.91
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	2	1.91
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	2	1.91
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	2	1.91
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	2	1.91
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	11	1.91
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	11	1.91
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	11	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	16	1.91
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	16	1.91
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	16	1.91
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	16	1.91
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	16	1.91
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	16	1.91
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	19	1.91
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	19	1.91
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	19	1.91
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	19	1.91
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	19	1.91
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	19	1.91
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	16	1.91
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	16	1.91
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	16	1.91
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	4	1.91
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	12	1.91
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	12	1.91
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	14	1.91
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	14	1.91
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	12	1.91
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	2	1.91
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	2	1.91
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	13	1.91
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	13	1.91
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	15	1.91
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	15	1.91
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	16	1.91
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG21	7	1.91
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG22	7	1.91
(1,2384)	1:850:A:PHE:HE1	1:854:A:ILE:HG23	7	1.91
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG21	7	1.91
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG22	7	1.91
(1,2384)	1:850:A:PHE:HE2	1:854:A:ILE:HG23	7	1.91
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	14	1.91
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	14	1.91
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	14	1.91
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	14	1.91
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	14	1.91
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	14	1.91
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	16	1.91
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	16	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	16	1.91
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	16	1.91
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	16	1.91
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	16	1.91
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	12	1.91
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	12	1.91
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	3	1.91
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	3	1.91
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	3	1.91
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	3	1.91
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	3	1.91
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	3	1.91
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	2	1.91
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	2	1.91
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	2	1.91
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	2	1.91
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	2	1.91
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	2	1.91
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	18	1.91
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	18	1.91
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	18	1.91
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	18	1.91
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	18	1.91
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	18	1.91
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	20	1.91
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	20	1.91
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	20	1.91
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	20	1.91
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	20	1.91
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	20	1.91
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	2	1.91
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	2	1.91
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	2	1.91
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	2	1.91
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	11	1.91
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	11	1.91
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	11	1.91
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	11	1.91
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	2	1.91
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	2	1.91
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	2	1.91
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	2	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	5	1.91
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	5	1.91
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	5	1.91
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	5	1.91
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	5	1.91
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	5	1.91
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	7	1.91
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	7	1.91
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	8	1.91
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	8	1.91
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	10	1.91
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	10	1.91
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	5	1.91
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	5	1.91
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	5	1.91
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	5	1.91
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	5	1.91
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	5	1.91
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	14	1.91
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	14	1.91
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	14	1.91
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	14	1.91
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	14	1.91
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	14	1.91
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	12	1.91
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	12	1.91
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	7	1.91
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	7	1.91
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	7	1.91
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	8	1.91
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	8	1.91
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	8	1.91
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	9	1.91
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	9	1.91
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	12	1.91
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	6	1.91
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	8	1.91
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	8	1.91
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	14	1.91
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	14	1.91
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	14	1.91
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	15	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	15	1.91
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	15	1.91
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	14	1.91
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	14	1.91
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	14	1.91
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	4	1.91
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	14	1.91
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	4	1.91
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	4	1.91
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	4	1.91
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	5	1.91
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	5	1.91
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	5	1.91
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	12	1.91
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	2	1.91
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	2	1.91
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	2	1.91
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	5	1.91
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	5	1.91
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	9	1.91
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	9	1.91
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	9	1.91
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	9	1.91
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	3	1.91
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	3	1.91
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	3	1.91
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	7	1.91
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	7	1.91
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	18	1.91
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	18	1.91
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	18	1.91
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD23	9	1.91
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD21	9	1.91
(1,856)	1:809:A:PHE:HA	1:828:A:LEU:HD22	9	1.91
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	6	1.91
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	6	1.91
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	6	1.91
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	20	1.91
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	20	1.91
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	20	1.91
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	2	1.91
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	2	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	2	1.91
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	2	1.91
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	2	1.91
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	2	1.91
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	2	1.91
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	2	1.91
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	2	1.91
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	17	1.91
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	17	1.91
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	17	1.91
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	17	1.91
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	17	1.91
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	17	1.91
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	5	1.91
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	5	1.91
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	5	1.91
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	5	1.91
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	5	1.91
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	5	1.91
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	20	1.91
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	20	1.91
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	20	1.91
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	15	1.91
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	3	1.91
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	3	1.91
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	11	1.91
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	11	1.91
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	15	1.91
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	15	1.91
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	3	1.91
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	3	1.91
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	3	1.91
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	3	1.91
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	3	1.91
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	3	1.91
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	14	1.91
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	14	1.91
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	14	1.91
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	14	1.91
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	14	1.91
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	14	1.91
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	15	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	15	1.91
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	15	1.91
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	15	1.91
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	15	1.91
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	15	1.91
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	3	1.91
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	3	1.91
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	3	1.91
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	20	1.91
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	13	1.91
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	13	1.91
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	13	1.91
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	15	1.91
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	15	1.91
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	15	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	1	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	1	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	1	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	4	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	4	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	4	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	14	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	14	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	14	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	15	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	15	1.91
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	15	1.91
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD11	2	1.91
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD12	2	1.91
(1,664)	1:896:A:LEU:HB2	1:897:A:ILE:HD13	2	1.91
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	3	1.91
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	3	1.91
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	3	1.91
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	3	1.91
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	3	1.91
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	3	1.91
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	3	1.91
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	3	1.91
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	3	1.91
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	3	1.91
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	3	1.91
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	2	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	2	1.91
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	2	1.91
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	9	1.91
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	9	1.91
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	9	1.91
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	10	1.91
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	10	1.91
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	10	1.91
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	1	1.91
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	1	1.91
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	8	1.91
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	8	1.91
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	8	1.91
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	8	1.91
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	8	1.91
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	8	1.91
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG12	6	1.91
(1,590)	1:889:A:ILE:HA	1:889:A:ILE:HG13	6	1.91
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	17	1.91
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	17	1.91
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	17	1.91
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD22	2	1.91
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD23	2	1.91
(1,482)	1:854:A:ILE:HD11	1:873:A:LEU:HD21	2	1.91
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD22	2	1.91
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD23	2	1.91
(1,482)	1:854:A:ILE:HD12	1:873:A:LEU:HD21	2	1.91
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD22	2	1.91
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD23	2	1.91
(1,482)	1:854:A:ILE:HD13	1:873:A:LEU:HD21	2	1.91
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	2	1.91
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	2	1.91
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	2	1.91
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	2	1.91
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	2	1.91
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	2	1.91
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	2	1.91
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	2	1.91
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	2	1.91
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	13	1.91
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	13	1.91
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	20	1.91
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	20	1.91
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	20	1.91
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	15	1.91
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	14	1.91
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	14	1.91
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	14	1.91
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	7	1.91
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	7	1.91
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	7	1.91
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	3	1.91
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	3	1.91
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	3	1.91
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	14	1.91
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	14	1.91
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	14	1.91
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	15	1.91
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	15	1.91
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	15	1.91
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	15	1.91
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	15	1.91
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	15	1.91
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	6	1.91
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	6	1.91
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	6	1.91
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	4	1.91
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	15	1.91
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	8	1.91
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	11	1.91
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	11	1.91
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	11	1.91
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	11	1.91
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	11	1.91
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	11	1.91
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	13	1.91
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	13	1.91
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	13	1.91
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	8	1.91
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	8	1.91
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	8	1.91
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	17	1.91
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	17	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	17	1.91
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	20	1.91
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	20	1.91
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	20	1.91
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	20	1.91
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	20	1.91
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	20	1.91
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	20	1.91
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	20	1.91
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	20	1.91
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	18	1.91
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	18	1.91
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	18	1.91
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	14	1.91
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	14	1.91
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	14	1.91
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	14	1.91
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	14	1.91
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	14	1.91
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	1	1.91
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	1	1.91
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	14	1.91
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	14	1.91
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	15	1.91
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	15	1.91
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	18	1.91
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	18	1.91
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	8	1.91
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	20	1.91
(1,205)	1:802:A:LYS:HB2	1:831:A:ILE:HB	19	1.91
(1,205)	1:802:A:LYS:HB3	1:831:A:ILE:HB	19	1.91
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	7	1.91
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	7	1.91
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	7	1.91
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	7	1.91
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	7	1.91
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	7	1.91
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	7	1.91
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	7	1.91
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	7	1.91
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	4	1.91
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	19	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	19	1.91
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	19	1.91
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	15	1.91
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	15	1.91
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	1	1.91
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	1	1.91
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	1	1.91
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	12	1.91
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	12	1.91
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	12	1.91
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	18	1.91
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	18	1.91
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	18	1.91
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	10	1.9
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	10	1.9
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	3	1.9
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	3	1.9
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	4	1.9
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	4	1.9
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	15	1.9
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	15	1.9
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	15	1.9
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	15	1.9
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	8	1.9
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	8	1.9
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	19	1.9
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	19	1.9
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	9	1.9
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	9	1.9
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	9	1.9
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	9	1.9
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	1	1.9
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	1	1.9
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	19	1.9
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	19	1.9
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	13	1.9
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	13	1.9
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	7	1.9
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	7	1.9
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	18	1.9
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	18	1.9
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	18	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	18	1.9
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	2	1.9
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	2	1.9
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	16	1.9
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	16	1.9
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	16	1.9
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	16	1.9
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	3	1.9
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	3	1.9
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	12	1.9
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	12	1.9
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	6	1.9
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	6	1.9
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	6	1.9
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	6	1.9
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	5	1.9
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	5	1.9
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	13	1.9
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	13	1.9
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	13	1.9
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	6	1.9
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	7	1.9
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	7	1.9
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	1	1.9
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	9	1.9
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	9	1.9
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	9	1.9
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	7	1.9
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	7	1.9
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	7	1.9
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	15	1.9
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	15	1.9
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	15	1.9
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	15	1.9
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	15	1.9
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	15	1.9
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	15	1.9
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	15	1.9
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	15	1.9
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	15	1.9
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	15	1.9
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	15	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	8	1.9
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	8	1.9
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	8	1.9
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD13	19	1.9
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD11	19	1.9
(1,2831)	1:874:A:LEU:HB3	1:874:A:LEU:HD12	19	1.9
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	6	1.9
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	6	1.9
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	6	1.9
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	2	1.9
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	2	1.9
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	2	1.9
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	8	1.9
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	8	1.9
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	8	1.9
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	17	1.9
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	17	1.9
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	2	1.9
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	2	1.9
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	2	1.9
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	5	1.9
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	5	1.9
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	5	1.9
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	12	1.9
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	12	1.9
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	12	1.9
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	13	1.9
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	13	1.9
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	13	1.9
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	1	1.9
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	1	1.9
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	1	1.9
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	1	1.9
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	5	1.9
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	5	1.9
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	5	1.9
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	5	1.9
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	3	1.9
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	3	1.9
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	3	1.9
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	3	1.9
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	3	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	3	1.9
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	3	1.9
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	3	1.9
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	3	1.9
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	7	1.9
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	7	1.9
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	7	1.9
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	15	1.9
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	15	1.9
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	15	1.9
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	16	1.9
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	16	1.9
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	16	1.9
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	7	1.9
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	7	1.9
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	15	1.9
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	4	1.9
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	4	1.9
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	4	1.9
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	4	1.9
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	1	1.9
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	1	1.9
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	4	1.9
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	4	1.9
(1,2451)	1:809:A:PHE:HD2	1:810:A:GLY:HA2	17	1.9
(1,2451)	1:809:A:PHE:HD1	1:810:A:GLY:HA2	17	1.9
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	9	1.9
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	9	1.9
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	12	1.9
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	12	1.9
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	7	1.9
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	7	1.9
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	7	1.9
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	7	1.9
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	7	1.9
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	2	1.9
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	2	1.9
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	2	1.9
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	2	1.9
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	2	1.9
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	2	1.9
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	8	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	8	1.9
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	8	1.9
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	8	1.9
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	8	1.9
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	8	1.9
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	5	1.9
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	5	1.9
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	5	1.9
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	5	1.9
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	5	1.9
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	5	1.9
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	2	1.9
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	2	1.9
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	2	1.9
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	2	1.9
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	2	1.9
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	2	1.9
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	20	1.9
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	20	1.9
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	20	1.9
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	16	1.9
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	16	1.9
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	19	1.9
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	19	1.9
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	6	1.9
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	6	1.9
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	9	1.9
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	9	1.9
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	9	1.9
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	9	1.9
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	9	1.9
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	9	1.9
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	17	1.9
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	17	1.9
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	17	1.9
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	17	1.9
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	17	1.9
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	17	1.9
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	20	1.9
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	20	1.9
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	20	1.9
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	20	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	20	1.9
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	20	1.9
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	8	1.9
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	8	1.9
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	1	1.9
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	1	1.9
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	1	1.9
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	1	1.9
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	1	1.9
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	1	1.9
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	3	1.9
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	3	1.9
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	6	1.9
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	6	1.9
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	11	1.9
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	11	1.9
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	1	1.9
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	14	1.9
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	14	1.9
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	14	1.9
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	18	1.9
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	18	1.9
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	12	1.9
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	12	1.9
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	12	1.9
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	10	1.9
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	15	1.9
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	15	1.9
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	15	1.9
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	20	1.9
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	20	1.9
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	20	1.9
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	6	1.9
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	6	1.9
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	16	1.9
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	16	1.9
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	16	1.9
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	5	1.9
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	5	1.9
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	16	1.9
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	3	1.9
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	3	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	11	1.9
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	16	1.9
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	19	1.9
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	19	1.9
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	19	1.9
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	2	1.9
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	2	1.9
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	16	1.9
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	16	1.9
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	16	1.9
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	19	1.9
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	19	1.9
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	20	1.9
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	20	1.9
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	19	1.9
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	19	1.9
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	6	1.9
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	6	1.9
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	6	1.9
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	18	1.9
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	18	1.9
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	18	1.9
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	20	1.9
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	11	1.9
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	11	1.9
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	1	1.9
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	1	1.9
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	1	1.9
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	12	1.9
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	12	1.9
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	12	1.9
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	13	1.9
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	13	1.9
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	13	1.9
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	13	1.9
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	13	1.9
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	13	1.9
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	13	1.9
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	13	1.9
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	13	1.9
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	20	1.9
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	20	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	20	1.9
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	20	1.9
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	20	1.9
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	20	1.9
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	20	1.9
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	20	1.9
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	20	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	6	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	6	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	6	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	6	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	6	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	6	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	7	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	7	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	7	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	7	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	7	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	7	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	8	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	8	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	8	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	8	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	8	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	8	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	9	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	9	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	9	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	9	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	9	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	9	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	19	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	19	1.9
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	19	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	19	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	19	1.9
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	19	1.9
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	12	1.9
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	2	1.9
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	2	1.9
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	2	1.9
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	4	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	4	1.9
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	4	1.9
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	4	1.9
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	4	1.9
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	4	1.9
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	12	1.9
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	12	1.9
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	12	1.9
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	11	1.9
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	11	1.9
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	11	1.9
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	15	1.9
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	15	1.9
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	15	1.9
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	12	1.9
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	19	1.9
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	13	1.9
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	13	1.9
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	13	1.9
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	7	1.9
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	7	1.9
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	7	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	7	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	7	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	7	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	10	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	10	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	10	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	12	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	12	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	12	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	19	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	19	1.9
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	19	1.9
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	9	1.9
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	9	1.9
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	9	1.9
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	9	1.9
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	9	1.9
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	9	1.9
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	9	1.9
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	9	1.9
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	20	1.9
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	20	1.9
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	20	1.9
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	20	1.9
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	20	1.9
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	20	1.9
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	20	1.9
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	20	1.9
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	20	1.9
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	19	1.9
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	19	1.9
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	19	1.9
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	19	1.9
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	19	1.9
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	19	1.9
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	19	1.9
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	19	1.9
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	19	1.9
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD11	2	1.9
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD12	2	1.9
(1,636)	1:854:A:ILE:HG21	1:896:A:LEU:HD13	2	1.9
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD11	2	1.9
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD12	2	1.9
(1,636)	1:854:A:ILE:HG22	1:896:A:LEU:HD13	2	1.9
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD11	2	1.9
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD12	2	1.9
(1,636)	1:854:A:ILE:HG23	1:896:A:LEU:HD13	2	1.9
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	3	1.9
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	3	1.9
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	3	1.9
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	3	1.9
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	15	1.9
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	15	1.9
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	15	1.9
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	5	1.9
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	5	1.9
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	4	1.9
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	4	1.9
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	4	1.9
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	4	1.9
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	16	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	16	1.9
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	5	1.9
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	5	1.9
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	5	1.9
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	5	1.9
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	5	1.9
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	5	1.9
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	6	1.9
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	6	1.9
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	6	1.9
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	3	1.9
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	3	1.9
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	3	1.9
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	3	1.9
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	3	1.9
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	3	1.9
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	3	1.9
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	3	1.9
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	3	1.9
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	11	1.9
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	11	1.9
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	11	1.9
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	20	1.9
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	20	1.9
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	20	1.9
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	20	1.9
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	20	1.9
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	20	1.9
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	20	1.9
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	20	1.9
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	20	1.9
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	2	1.9
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	2	1.9
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	2	1.9
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	3	1.9
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	3	1.9
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	3	1.9
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	2	1.9
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	9	1.9
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	9	1.9
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	9	1.9
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	9	1.9
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	9	1.9
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	18	1.9
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	18	1.9
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	18	1.9
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	5	1.9
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	5	1.9
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	5	1.9
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	6	1.9
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	6	1.9
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	6	1.9
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	12	1.9
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	12	1.9
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	12	1.9
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	12	1.9
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	12	1.9
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	12	1.9
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	12	1.9
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	12	1.9
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	12	1.9
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	20	1.9
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	20	1.9
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	20	1.9
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	20	1.9
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	20	1.9
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	20	1.9
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	20	1.9
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	20	1.9
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	20	1.9
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	11	1.9
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	11	1.9
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	17	1.9
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	17	1.9
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	17	1.9
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	9	1.9
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	9	1.9
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	9	1.9
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	19	1.9
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	19	1.9
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	19	1.9
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	14	1.9
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	14	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	14	1.9
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	14	1.9
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	14	1.9
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	14	1.9
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	14	1.9
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	14	1.9
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	14	1.9
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	1	1.9
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	1	1.9
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	1	1.9
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	1	1.9
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	1	1.9
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	1	1.9
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	11	1.9
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	11	1.9
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	11	1.9
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	15	1.9
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	15	1.9
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	15	1.9
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	6	1.9
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	6	1.9
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	6	1.9
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	6	1.9
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	6	1.9
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	6	1.9
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	6	1.9
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	6	1.9
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	6	1.9
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	15	1.9
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	15	1.9
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	15	1.9
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	15	1.9
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	15	1.9
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	15	1.9
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	15	1.9
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	15	1.9
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	15	1.9
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	19	1.9
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	19	1.9
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	19	1.9
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	19	1.9
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	19	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	19	1.9
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	19	1.9
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	19	1.9
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	19	1.9
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	4	1.9
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	4	1.9
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	5	1.9
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	5	1.9
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	6	1.9
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	6	1.9
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	4	1.9
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	4	1.9
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	4	1.9
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	4	1.9
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	4	1.9
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	4	1.9
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	12	1.9
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	12	1.9
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	12	1.9
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	12	1.9
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	17	1.9
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	17	1.9
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	17	1.9
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	17	1.9
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	18	1.9
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	13	1.9
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	13	1.9
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	13	1.9
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	12	1.9
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	7	1.9
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	7	1.9
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	7	1.9
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	7	1.9
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	7	1.9
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	7	1.9
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	17	1.9
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	17	1.9
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	17	1.9
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	15	1.9
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	15	1.9
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	15	1.9
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	20	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	20	1.9
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	20	1.9
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	20	1.9
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	20	1.9
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	20	1.9
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	20	1.9
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	20	1.9
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	20	1.9
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	8	1.9
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	8	1.9
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	8	1.9
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	7	1.9
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	7	1.9
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	7	1.9
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	10	1.9
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	10	1.9
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	10	1.9
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	14	1.9
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	14	1.9
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	14	1.9
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	12	1.89
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	12	1.89
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	4	1.89
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	4	1.89
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	7	1.89
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	7	1.89
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	7	1.89
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	7	1.89
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	7	1.89
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	7	1.89
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	14	1.89
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	14	1.89
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	14	1.89
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	14	1.89
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	14	1.89
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	14	1.89
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	3	1.89
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	3	1.89
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	6	1.89
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	6	1.89
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	18	1.89
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	18	1.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	16	1.89
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	16	1.89
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	16	1.89
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	16	1.89
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	3	1.89
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	3	1.89
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	3	1.89
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	3	1.89
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	3	1.89
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	3	1.89
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	11	1.89
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	11	1.89
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	11	1.89
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	11	1.89
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	11	1.89
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	11	1.89
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	19	1.89
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	19	1.89
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	1	1.89
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	1	1.89
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	12	1.89
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	12	1.89
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	19	1.89
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	19	1.89
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	20	1.89
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	20	1.89
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	4	1.89
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	4	1.89
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	12	1.89
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	10	1.89
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	10	1.89
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	10	1.89
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	18	1.89
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	18	1.89
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	18	1.89
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	14	1.89
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	14	1.89
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	14	1.89
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	17	1.89
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	17	1.89
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	17	1.89
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	8	1.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	8	1.89
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	8	1.89
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	14	1.89
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	14	1.89
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	14	1.89
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	17	1.89
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	17	1.89
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	17	1.89
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	5	1.89
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	5	1.89
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	5	1.89
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	7	1.89
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	7	1.89
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	7	1.89
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	5	1.89
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	5	1.89
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	5	1.89
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	7	1.89
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	7	1.89
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	7	1.89
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	4	1.89
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	4	1.89
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	4	1.89
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	10	1.89
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	10	1.89
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	10	1.89
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	7	1.89
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	3	1.89
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	3	1.89
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	5	1.89
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	8	1.89
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	9	1.89
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	9	1.89
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	9	1.89
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	20	1.89
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	20	1.89
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	1	1.89
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	1	1.89
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	1	1.89
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	16	1.89
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	16	1.89
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	16	1.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	16	1.89
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	16	1.89
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	16	1.89
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	10	1.89
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	10	1.89
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	11	1.89
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	11	1.89
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	17	1.89
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	17	1.89
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	4	1.89
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	4	1.89
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	4	1.89
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	4	1.89
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	11	1.89
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	11	1.89
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	12	1.89
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	7	1.89
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	7	1.89
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	3	1.89
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	3	1.89
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	4	1.89
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	4	1.89
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	8	1.89
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	8	1.89
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	19	1.89
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	19	1.89
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	18	1.89
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	18	1.89
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	13	1.89
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	13	1.89
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	18	1.89
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	7	1.89
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	7	1.89
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	7	1.89
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	7	1.89
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	6	1.89
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	6	1.89
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	6	1.89
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	6	1.89
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	6	1.89
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	6	1.89
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	12	1.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	12	1.89
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	12	1.89
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	12	1.89
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	12	1.89
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	12	1.89
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	6	1.89
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	6	1.89
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	6	1.89
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	6	1.89
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	17	1.89
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	17	1.89
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	17	1.89
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	17	1.89
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	2	1.89
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	2	1.89
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	10	1.89
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	10	1.89
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	10	1.89
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	10	1.89
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	10	1.89
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	10	1.89
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	16	1.89
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	16	1.89
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	16	1.89
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	16	1.89
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	16	1.89
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	16	1.89
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	18	1.89
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	18	1.89
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	18	1.89
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	18	1.89
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	18	1.89
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	18	1.89
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	13	1.89
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	13	1.89
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	17	1.89
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	17	1.89
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	17	1.89
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	17	1.89
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	17	1.89
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	17	1.89
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	11	1.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	11	1.89
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	18	1.89
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	18	1.89
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	18	1.89
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	12	1.89
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	12	1.89
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	12	1.89
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	13	1.89
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	13	1.89
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	13	1.89
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	4	1.89
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	4	1.89
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	1	1.89
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	1	1.89
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	20	1.89
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	20	1.89
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	20	1.89
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	20	1.89
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	8	1.89
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	8	1.89
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	8	1.89
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	1	1.89
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	1	1.89
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	1	1.89
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	12	1.89
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	12	1.89
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	12	1.89
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	2	1.89
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	2	1.89
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	3	1.89
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	3	1.89
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	3	1.89
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	5	1.89
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	5	1.89
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	8	1.89
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	8	1.89
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	8	1.89
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	8	1.89
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	3	1.89
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD11	4	1.89
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD12	4	1.89
(1,1437)	1:855:A:GLN:HE21	1:896:A:LEU:HD13	4	1.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	17	1.89
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	17	1.89
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	14	1.89
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	14	1.89
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	14	1.89
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	7	1.89
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	7	1.89
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	7	1.89
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	4	1.89
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	4	1.89
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	5	1.89
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	5	1.89
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	6	1.89
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	6	1.89
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	6	1.89
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	2	1.89
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	2	1.89
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	2	1.89
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	6	1.89
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	20	1.89
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	20	1.89
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	20	1.89
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	3	1.89
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	13	1.89
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	13	1.89
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	3	1.89
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	3	1.89
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	3	1.89
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	3	1.89
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	3	1.89
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	3	1.89
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	3	1.89
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	3	1.89
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	3	1.89
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	16	1.89
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	16	1.89
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	16	1.89
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	13	1.89
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	13	1.89
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	13	1.89
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	13	1.89
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	13	1.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	13	1.89
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	16	1.89
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	16	1.89
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	16	1.89
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	16	1.89
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	16	1.89
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	16	1.89
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	17	1.89
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	18	1.89
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	15	1.89
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	15	1.89
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	15	1.89
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	1	1.89
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	1	1.89
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	1	1.89
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	1	1.89
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	1	1.89
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	1	1.89
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	7	1.89
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	7	1.89
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	7	1.89
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	17	1.89
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	17	1.89
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	17	1.89
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	18	1.89
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	18	1.89
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	18	1.89
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	2	1.89
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	2	1.89
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	2	1.89
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	3	1.89
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	3	1.89
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	3	1.89
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD11	20	1.89
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD12	20	1.89
(1,687)	1:900:A:LEU:HB2	1:900:A:LEU:HD13	20	1.89
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	4	1.89
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	4	1.89
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	4	1.89
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	4	1.89
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	4	1.89
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	4	1.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	4	1.89
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	4	1.89
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	4	1.89
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	4	1.89
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	4	1.89
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	13	1.89
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	13	1.89
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	13	1.89
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	13	1.89
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	19	1.89
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	19	1.89
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	19	1.89
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	18	1.89
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	18	1.89
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	18	1.89
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	9	1.89
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	9	1.89
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	10	1.89
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	15	1.89
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	15	1.89
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	15	1.89
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	15	1.89
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	15	1.89
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	15	1.89
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	15	1.89
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	15	1.89
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	15	1.89
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	3	1.89
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	3	1.89
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	3	1.89
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	19	1.89
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	19	1.89
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	19	1.89
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	4	1.89
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	4	1.89
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	4	1.89
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	7	1.89
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	7	1.89
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	7	1.89
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD22	12	1.89
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD23	12	1.89
(1,477)	1:873:A:LEU:HB3	1:873:A:LEU:HD21	12	1.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	1	1.89
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	17	1.89
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	17	1.89
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	17	1.89
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	10	1.89
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	10	1.89
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	20	1.89
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	14	1.89
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	14	1.89
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	14	1.89
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	10	1.89
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	10	1.89
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	10	1.89
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	13	1.89
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	13	1.89
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	13	1.89
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	13	1.89
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	13	1.89
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	13	1.89
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	13	1.89
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	13	1.89
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	13	1.89
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	13	1.89
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	13	1.89
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	13	1.89
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	6	1.89
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	6	1.89
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	6	1.89
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	15	1.89
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	15	1.89
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	15	1.89
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	20	1.89
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	20	1.89
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	20	1.89
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	15	1.89
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	15	1.89
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	15	1.89
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	20	1.89
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	20	1.89
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	20	1.89
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	17	1.89
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	17	1.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	17	1.89
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	17	1.89
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	17	1.89
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	17	1.89
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	5	1.89
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	14	1.89
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	14	1.89
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	14	1.89
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	14	1.89
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	10	1.89
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	2	1.89
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	2	1.89
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	2	1.89
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	2	1.89
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	2	1.89
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	3	1.89
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	3	1.89
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	12	1.89
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	12	1.89
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	16	1.89
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	16	1.89
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	15	1.89
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	15	1.89
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	15	1.89
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	19	1.89
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	19	1.89
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	14	1.89
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	14	1.89
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	14	1.89
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	14	1.89
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	14	1.89
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	14	1.89
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	1	1.89
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	1	1.89
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	1	1.89
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	1	1.89
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	1	1.89
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	1	1.89
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	1	1.89
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	1	1.89
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	1	1.89
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	5	1.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	5	1.89
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	5	1.89
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	11	1.89
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	11	1.89
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	11	1.89
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	9	1.89
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	9	1.89
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	9	1.89
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	9	1.89
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	9	1.89
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	9	1.89
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	9	1.89
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	9	1.89
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	9	1.89
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	15	1.89
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	15	1.89
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	15	1.89
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	15	1.89
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	15	1.89
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	15	1.89
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	15	1.89
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	15	1.89
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	15	1.89
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	1	1.89
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	1	1.89
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	1	1.89
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	3	1.89
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	3	1.89
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	3	1.89
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	1	1.89
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	1	1.89
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	1	1.89
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	18	1.89
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	18	1.89
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	18	1.89
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	5	1.88
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	5	1.88
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	12	1.88
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	12	1.88
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	12	1.88
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	12	1.88
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	8	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	8	1.88
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	8	1.88
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	8	1.88
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	18	1.88
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	18	1.88
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	18	1.88
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	18	1.88
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	12	1.88
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	12	1.88
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	8	1.88
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	8	1.88
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	8	1.88
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	8	1.88
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	8	1.88
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	8	1.88
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	6	1.88
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	6	1.88
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	6	1.88
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	6	1.88
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	6	1.88
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	6	1.88
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	16	1.88
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	16	1.88
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	5	1.88
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	5	1.88
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	5	1.88
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	5	1.88
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	5	1.88
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	5	1.88
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	10	1.88
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	10	1.88
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	5	1.88
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	5	1.88
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	1	1.88
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	1	1.88
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	1	1.88
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	1	1.88
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	16	1.88
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	16	1.88
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	15	1.88
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	15	1.88
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	6	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	18	1.88
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	14	1.88
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	6	1.88
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	6	1.88
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	6	1.88
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	7	1.88
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	7	1.88
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	7	1.88
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	13	1.88
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	13	1.88
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	5	1.88
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	5	1.88
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	5	1.88
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD11	17	1.88
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD12	17	1.88
(1,2859)	1:901:A:PHE:HB2	1:926:A:LEU:HD13	17	1.88
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	2	1.88
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	2	1.88
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	2	1.88
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	2	1.88
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	2	1.88
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	2	1.88
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	2	1.88
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	2	1.88
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	2	1.88
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	4	1.88
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	4	1.88
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	4	1.88
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	4	1.88
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	4	1.88
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	4	1.88
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	4	1.88
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	4	1.88
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	4	1.88
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	14	1.88
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	14	1.88
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	14	1.88
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	14	1.88
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	14	1.88
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	14	1.88
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	14	1.88
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	14	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	14	1.88
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	1	1.88
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	1	1.88
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	1	1.88
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	11	1.88
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	11	1.88
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	11	1.88
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	12	1.88
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	12	1.88
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	12	1.88
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	20	1.88
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	20	1.88
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	20	1.88
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	19	1.88
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	19	1.88
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	19	1.88
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	3	1.88
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	3	1.88
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	3	1.88
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	15	1.88
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	15	1.88
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	15	1.88
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	12	1.88
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	17	1.88
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	4	1.88
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	6	1.88
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	6	1.88
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	6	1.88
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	20	1.88
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	20	1.88
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	20	1.88
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	9	1.88
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	9	1.88
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	9	1.88
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	9	1.88
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	9	1.88
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	9	1.88
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	10	1.88
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	10	1.88
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	10	1.88
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	13	1.88
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	13	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	13	1.88
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	19	1.88
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	19	1.88
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	19	1.88
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	5	1.88
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	5	1.88
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	5	1.88
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	7	1.88
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	7	1.88
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	7	1.88
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	12	1.88
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	12	1.88
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	12	1.88
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	4	1.88
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	4	1.88
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	4	1.88
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	17	1.88
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	17	1.88
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	3	1.88
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	3	1.88
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	4	1.88
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	4	1.88
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	6	1.88
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	6	1.88
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	7	1.88
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	7	1.88
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	15	1.88
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	15	1.88
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	10	1.88
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	11	1.88
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	16	1.88
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	12	1.88
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	12	1.88
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	5	1.88
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	5	1.88
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	17	1.88
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	17	1.88
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	2	1.88
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	2	1.88
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	3	1.88
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	3	1.88
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	2	1.88
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	20	1.88
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	20	1.88
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	18	1.88
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	18	1.88
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	18	1.88
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	12	1.88
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	12	1.88
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	15	1.88
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	15	1.88
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	2	1.88
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	2	1.88
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	2	1.88
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	4	1.88
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	4	1.88
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	13	1.88
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	13	1.88
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	5	1.88
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	5	1.88
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	20	1.88
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	20	1.88
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	20	1.88
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	20	1.88
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	20	1.88
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	20	1.88
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	15	1.88
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	15	1.88
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	15	1.88
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	15	1.88
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	15	1.88
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	15	1.88
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	18	1.88
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	18	1.88
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	18	1.88
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	18	1.88
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	18	1.88
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	18	1.88
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	7	1.88
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	7	1.88
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	9	1.88
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	9	1.88
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	9	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	9	1.88
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	18	1.88
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	18	1.88
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	18	1.88
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	18	1.88
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	18	1.88
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	18	1.88
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	11	1.88
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	11	1.88
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	11	1.88
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	11	1.88
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	11	1.88
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	11	1.88
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	11	1.88
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	11	1.88
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	11	1.88
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	11	1.88
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	11	1.88
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	11	1.88
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	15	1.88
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	15	1.88
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	15	1.88
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	15	1.88
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	15	1.88
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	15	1.88
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	3	1.88
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	3	1.88
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	3	1.88
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	3	1.88
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	3	1.88
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	3	1.88
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	11	1.88
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	11	1.88
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	7	1.88
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	4	1.88
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	4	1.88
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	4	1.88
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	18	1.88
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	18	1.88
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	8	1.88
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	14	1.88
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	14	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	14	1.88
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	7	1.88
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	7	1.88
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	7	1.88
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	7	1.88
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	7	1.88
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	5	1.88
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	7	1.88
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	7	1.88
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	7	1.88
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	5	1.88
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	5	1.88
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	5	1.88
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	4	1.88
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	4	1.88
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	7	1.88
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	7	1.88
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	3	1.88
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	11	1.88
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	11	1.88
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	11	1.88
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	17	1.88
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	17	1.88
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	17	1.88
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	16	1.88
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	16	1.88
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	14	1.88
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	14	1.88
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	11	1.88
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	11	1.88
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	11	1.88
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	18	1.88
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	18	1.88
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	18	1.88
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	18	1.88
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	7	1.88
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	7	1.88
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	14	1.88
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	14	1.88
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	14	1.88
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	20	1.88
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	20	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	20	1.88
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	3	1.88
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	5	1.88
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	10	1.88
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	10	1.88
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	13	1.88
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	13	1.88
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	11	1.88
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	11	1.88
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	8	1.88
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	8	1.88
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	4	1.88
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	10	1.88
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	15	1.88
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	14	1.88
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	14	1.88
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	14	1.88
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	15	1.88
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	15	1.88
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	15	1.88
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	15	1.88
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	11	1.88
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	11	1.88
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	11	1.88
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	17	1.88
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	17	1.88
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	17	1.88
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	17	1.88
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	17	1.88
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	17	1.88
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	3	1.88
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	3	1.88
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	3	1.88
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	3	1.88
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	3	1.88
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	3	1.88
(1,783)	1:920:A:LEU:HD21	1:921:A:LYS:HA	20	1.88
(1,783)	1:920:A:LEU:HD22	1:921:A:LYS:HA	20	1.88
(1,783)	1:920:A:LEU:HD23	1:921:A:LYS:HA	20	1.88
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	7	1.88
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	7	1.88
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	7	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	8	1.88
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	8	1.88
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	8	1.88
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	8	1.88
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	8	1.88
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	1	1.88
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	1	1.88
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	9	1.88
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	9	1.88
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	12	1.88
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	12	1.88
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	12	1.88
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	14	1.88
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	14	1.88
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	14	1.88
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	14	1.88
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	14	1.88
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	14	1.88
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD22	11	1.88
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD23	11	1.88
(1,679)	1:898:A:GLU:HG3	1:926:A:LEU:HD21	11	1.88
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	3	1.88
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	3	1.88
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	3	1.88
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	3	1.88
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	3	1.88
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	3	1.88
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	13	1.88
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	13	1.88
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	5	1.88
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	5	1.88
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	5	1.88
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	5	1.88
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	5	1.88
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	5	1.88
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	5	1.88
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	5	1.88
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	5	1.88
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	4	1.88
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	4	1.88
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	4	1.88
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	16	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	16	1.88
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	16	1.88
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	11	1.88
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	11	1.88
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	11	1.88
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	11	1.88
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	11	1.88
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	13	1.88
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	13	1.88
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	13	1.88
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	2	1.88
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	2	1.88
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	2	1.88
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	16	1.88
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	16	1.88
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	16	1.88
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	16	1.88
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	16	1.88
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	16	1.88
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	16	1.88
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	16	1.88
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	16	1.88
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	8	1.88
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	8	1.88
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	8	1.88
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	15	1.88
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	15	1.88
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	15	1.88
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	5	1.88
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	5	1.88
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	5	1.88
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	5	1.88
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	5	1.88
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	5	1.88
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	5	1.88
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	5	1.88
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	5	1.88
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	1	1.88
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	1	1.88
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	1	1.88
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	1	1.88
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	1	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	1	1.88
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	1	1.88
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	1	1.88
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	1	1.88
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	8	1.88
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	8	1.88
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	9	1.88
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	9	1.88
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	12	1.88
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	12	1.88
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	15	1.88
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	2	1.88
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	2	1.88
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	2	1.88
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	13	1.88
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	13	1.88
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	13	1.88
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	16	1.88
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	16	1.88
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	16	1.88
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	17	1.88
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	17	1.88
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	17	1.88
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	8	1.88
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	8	1.88
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	8	1.88
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	17	1.88
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	17	1.88
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	17	1.88
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	10	1.88
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	10	1.88
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	14	1.88
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	14	1.88
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	18	1.88
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	18	1.88
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	18	1.88
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	18	1.88
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	18	1.88
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	20	1.88
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	20	1.88
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	20	1.88
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	20	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	20	1.88
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	20	1.88
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	3	1.88
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	3	1.88
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	3	1.88
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	6	1.88
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	6	1.88
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	6	1.88
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	9	1.88
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	9	1.88
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	11	1.88
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	11	1.88
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	14	1.88
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	14	1.88
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	14	1.88
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	14	1.88
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	14	1.88
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	14	1.88
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	13	1.88
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	13	1.88
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	13	1.88
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	13	1.88
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	13	1.88
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	13	1.88
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	13	1.88
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	13	1.88
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	13	1.88
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB2	10	1.88
(1,167)	1:826:A:ALA:HB1	1:860:A:ASN:HB3	10	1.88
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB2	10	1.88
(1,167)	1:826:A:ALA:HB2	1:860:A:ASN:HB3	10	1.88
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB2	10	1.88
(1,167)	1:826:A:ALA:HB3	1:860:A:ASN:HB3	10	1.88
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	11	1.88
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	11	1.88
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	11	1.88
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	8	1.88
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	8	1.88
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	8	1.88
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	20	1.88
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	20	1.88
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	20	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	3	1.88
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	3	1.88
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	3	1.88
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	3	1.88
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	3	1.88
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	3	1.88
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	3	1.88
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	3	1.88
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	3	1.88
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	7	1.88
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	7	1.88
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	7	1.88
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	7	1.88
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	7	1.88
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	7	1.88
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	7	1.88
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	7	1.88
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	7	1.88
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	3	1.88
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	3	1.88
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	3	1.88
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	9	1.88
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	9	1.88
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	9	1.88
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	5	1.88
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	5	1.88
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	5	1.88
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	11	1.88
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	11	1.88
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	11	1.88
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	1	1.88
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	1	1.88
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	1	1.88
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	1	1.88
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	1	1.88
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	1	1.88
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	3	1.88
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	3	1.88
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	3	1.88
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	16	1.88
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	16	1.88
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	16	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3391)	1:922:A:ARG:HB2	1:923:A:GLN:HE21	9	1.87
(1,3391)	1:922:A:ARG:HB3	1:923:A:GLN:HE21	9	1.87
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	2	1.87
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	2	1.87
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	3	1.87
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	3	1.87
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	9	1.87
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	9	1.87
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	13	1.87
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	13	1.87
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	13	1.87
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	13	1.87
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	14	1.87
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	14	1.87
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	14	1.87
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	14	1.87
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	19	1.87
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	19	1.87
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	19	1.87
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	19	1.87
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	20	1.87
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	20	1.87
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	20	1.87
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	20	1.87
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	10	1.87
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	10	1.87
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	8	1.87
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	8	1.87
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	5	1.87
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	5	1.87
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	13	1.87
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	13	1.87
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	11	1.87
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	11	1.87
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	2	1.87
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	2	1.87
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	2	1.87
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	2	1.87
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	2	1.87
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	2	1.87
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	10	1.87
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	10	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	7	1.87
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	7	1.87
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	7	1.87
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	7	1.87
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	7	1.87
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	7	1.87
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	16	1.87
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	16	1.87
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	4	1.87
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	4	1.87
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	7	1.87
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	7	1.87
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	7	1.87
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	7	1.87
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	2	1.87
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	2	1.87
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	2	1.87
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	2	1.87
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	2	1.87
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	2	1.87
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	13	1.87
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	13	1.87
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	12	1.87
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	12	1.87
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	12	1.87
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	12	1.87
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	12	1.87
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	12	1.87
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	3	1.87
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	3	1.87
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	3	1.87
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	3	1.87
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	3	1.87
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	3	1.87
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	18	1.87
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	18	1.87
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	18	1.87
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	18	1.87
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	12	1.87
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	12	1.87
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	12	1.87
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	12	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	2	1.87
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	2	1.87
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	2	1.87
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB1	10	1.87
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB2	10	1.87
(1,2979)	1:822:A:LYS:H	1:824:A:ALA:HB3	10	1.87
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	20	1.87
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	5	1.87
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	13	1.87
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	12	1.87
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	12	1.87
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	12	1.87
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	17	1.87
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	17	1.87
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	17	1.87
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	11	1.87
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	11	1.87
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	11	1.87
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	18	1.87
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	18	1.87
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	18	1.87
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	14	1.87
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	14	1.87
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	14	1.87
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	6	1.87
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	6	1.87
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	6	1.87
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	6	1.87
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	6	1.87
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	6	1.87
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	6	1.87
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	6	1.87
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	6	1.87
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	15	1.87
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	15	1.87
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	15	1.87
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	15	1.87
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	15	1.87
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	15	1.87
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	15	1.87
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	15	1.87
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	15	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	6	1.87
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	6	1.87
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	6	1.87
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	6	1.87
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	6	1.87
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	6	1.87
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	6	1.87
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	6	1.87
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	6	1.87
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	8	1.87
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	8	1.87
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	8	1.87
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	8	1.87
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	8	1.87
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	8	1.87
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	8	1.87
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	8	1.87
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	8	1.87
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	9	1.87
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	9	1.87
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	9	1.87
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	9	1.87
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	9	1.87
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	9	1.87
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	9	1.87
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	9	1.87
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	9	1.87
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	2	1.87
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	2	1.87
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	2	1.87
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	7	1.87
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	7	1.87
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	7	1.87
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	15	1.87
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	15	1.87
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	15	1.87
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	15	1.87
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	15	1.87
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	15	1.87
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	8	1.87
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	8	1.87
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	8	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	12	1.87
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	12	1.87
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	12	1.87
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	20	1.87
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	20	1.87
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	20	1.87
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	8	1.87
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	8	1.87
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	8	1.87
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	11	1.87
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	11	1.87
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	11	1.87
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	11	1.87
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	14	1.87
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	14	1.87
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	14	1.87
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	14	1.87
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	7	1.87
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	7	1.87
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	7	1.87
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	7	1.87
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	1	1.87
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	1	1.87
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	11	1.87
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	11	1.87
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	12	1.87
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	12	1.87
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	12	1.87
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	12	1.87
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	12	1.87
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	12	1.87
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	2	1.87
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	2	1.87
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	2	1.87
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	2	1.87
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	2	1.87
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	2	1.87
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	15	1.87
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	15	1.87
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	15	1.87
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	9	1.87
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	9	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	9	1.87
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	12	1.87
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	12	1.87
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	12	1.87
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	15	1.87
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	15	1.87
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	15	1.87
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	15	1.87
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	3	1.87
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	3	1.87
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	3	1.87
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	18	1.87
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	18	1.87
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	18	1.87
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	4	1.87
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	4	1.87
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	8	1.87
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	8	1.87
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	14	1.87
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	14	1.87
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	8	1.87
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	8	1.87
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	11	1.87
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	11	1.87
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	7	1.87
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	7	1.87
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	13	1.87
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	13	1.87
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	11	1.87
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD1	4	1.87
(1,2397)	1:834:A:PRO:HB2	1:875:A:TYR:HD2	4	1.87
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	11	1.87
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	11	1.87
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	11	1.87
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	20	1.87
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	20	1.87
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	20	1.87
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	20	1.87
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	20	1.87
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	20	1.87
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	15	1.87
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	15	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	15	1.87
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	15	1.87
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	15	1.87
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	15	1.87
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	1	1.87
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	1	1.87
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	1	1.87
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	1	1.87
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	1	1.87
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	1	1.87
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	9	1.87
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	9	1.87
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	9	1.87
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	16	1.87
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	16	1.87
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	16	1.87
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	7	1.87
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	7	1.87
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	7	1.87
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	7	1.87
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	7	1.87
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	7	1.87
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	9	1.87
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	9	1.87
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	9	1.87
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	9	1.87
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	9	1.87
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	9	1.87
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD11	6	1.87
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD12	6	1.87
(1,2345)	1:850:A:PHE:HE1	1:897:A:ILE:HD13	6	1.87
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD11	6	1.87
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD12	6	1.87
(1,2345)	1:850:A:PHE:HE2	1:897:A:ILE:HD13	6	1.87
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	19	1.87
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	19	1.87
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	19	1.87
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	19	1.87
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	19	1.87
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	19	1.87
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	1	1.87
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	1	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	1	1.87
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	1	1.87
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	10	1.87
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	10	1.87
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	10	1.87
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	10	1.87
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	10	1.87
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	10	1.87
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	10	1.87
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	10	1.87
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	10	1.87
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	10	1.87
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	16	1.87
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	16	1.87
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	16	1.87
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	16	1.87
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	16	1.87
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	16	1.87
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	9	1.87
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	9	1.87
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	9	1.87
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	9	1.87
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	9	1.87
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	9	1.87
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	16	1.87
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	16	1.87
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	16	1.87
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	16	1.87
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	16	1.87
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	16	1.87
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	18	1.87
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	18	1.87
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	18	1.87
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	18	1.87
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	18	1.87
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	18	1.87
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	1	1.87
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	1	1.87
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	1	1.87
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	1	1.87
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	1	1.87
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	1	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	12	1.87
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	12	1.87
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	12	1.87
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	12	1.87
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	12	1.87
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	12	1.87
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	20	1.87
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	20	1.87
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	13	1.87
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	13	1.87
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	13	1.87
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	13	1.87
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	13	1.87
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	13	1.87
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	20	1.87
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	20	1.87
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	8	1.87
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	8	1.87
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	8	1.87
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	18	1.87
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	18	1.87
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	3	1.87
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	5	1.87
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	5	1.87
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	10	1.87
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	10	1.87
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	2	1.87
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	2	1.87
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	4	1.87
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	17	1.87
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	17	1.87
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	7	1.87
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	7	1.87
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	1	1.87
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	1	1.87
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	11	1.87
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	5	1.87
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	17	1.87
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	3	1.87
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	18	1.87
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	14	1.87
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	14	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	14	1.87
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	15	1.87
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	15	1.87
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	15	1.87
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	10	1.87
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	10	1.87
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	14	1.87
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	14	1.87
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	14	1.87
(1,1316)	1:842:A:SER:HB3	1:843:A:ASN:H	15	1.87
(1,1316)	1:842:A:SER:HB2	1:843:A:ASN:H	15	1.87
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	1	1.87
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	1	1.87
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	1	1.87
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	20	1.87
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	20	1.87
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	20	1.87
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	12	1.87
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	12	1.87
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	7	1.87
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	5	1.87
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	5	1.87
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	5	1.87
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	2	1.87
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	2	1.87
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	2	1.87
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	10	1.87
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	10	1.87
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	10	1.87
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	10	1.87
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	10	1.87
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	10	1.87
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	11	1.87
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	11	1.87
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	11	1.87
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	11	1.87
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	11	1.87
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	11	1.87
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	10	1.87
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	10	1.87
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	10	1.87
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	14	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	14	1.87
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	14	1.87
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	2	1.87
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	2	1.87
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	2	1.87
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	8	1.87
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	8	1.87
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	8	1.87
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	8	1.87
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	19	1.87
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	2	1.87
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	2	1.87
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	1	1.87
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	1	1.87
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	1	1.87
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	9	1.87
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	14	1.87
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	14	1.87
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	14	1.87
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	11	1.87
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	11	1.87
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	11	1.87
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	15	1.87
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	15	1.87
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	4	1.87
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	4	1.87
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	4	1.87
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	4	1.87
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	4	1.87
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	4	1.87
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	4	1.87
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	4	1.87
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	4	1.87
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	1	1.87
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	1	1.87
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	1	1.87
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	6	1.87
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	6	1.87
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	6	1.87
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	12	1.87
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	12	1.87
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	14	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	14	1.87
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	6	1.87
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	6	1.87
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	6	1.87
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	6	1.87
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	6	1.87
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	6	1.87
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	3	1.87
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	3	1.87
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	3	1.87
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	8	1.87
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	8	1.87
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	8	1.87
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	9	1.87
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	9	1.87
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	9	1.87
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	7	1.87
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	7	1.87
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	7	1.87
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	10	1.87
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	10	1.87
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	10	1.87
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	20	1.87
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	20	1.87
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	20	1.87
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	8	1.87
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	8	1.87
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	8	1.87
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	7	1.87
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	7	1.87
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	7	1.87
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	7	1.87
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	7	1.87
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	7	1.87
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	7	1.87
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	7	1.87
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	7	1.87
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	11	1.87
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	11	1.87
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	11	1.87
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	11	1.87
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	11	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	11	1.87
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	11	1.87
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	11	1.87
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	11	1.87
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	13	1.87
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	13	1.87
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	13	1.87
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	13	1.87
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	13	1.87
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	13	1.87
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	13	1.87
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	13	1.87
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	13	1.87
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	13	1.87
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	13	1.87
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	1	1.87
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	1	1.87
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	1	1.87
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	5	1.87
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	5	1.87
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	5	1.87
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	14	1.87
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	14	1.87
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	14	1.87
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	7	1.87
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	7	1.87
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	7	1.87
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	19	1.87
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	19	1.87
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	1	1.87
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	1	1.87
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	1	1.87
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	19	1.87
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	19	1.87
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	19	1.87
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	8	1.87
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	8	1.87
(1,440)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	8	1.87
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	5	1.87
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	5	1.87
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	5	1.87
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	5	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	5	1.87
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	5	1.87
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	5	1.87
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	5	1.87
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	5	1.87
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	4	1.87
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	4	1.87
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	4	1.87
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD23	20	1.87
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD21	20	1.87
(1,385)	1:862:A:ILE:HG12	1:900:A:LEU:HD22	20	1.87
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	6	1.87
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	14	1.87
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	2	1.87
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	10	1.87
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	10	1.87
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	10	1.87
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	10	1.87
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	10	1.87
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	10	1.87
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	10	1.87
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	10	1.87
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	10	1.87
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	17	1.87
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	17	1.87
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	17	1.87
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	17	1.87
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	17	1.87
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	17	1.87
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	17	1.87
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	17	1.87
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	17	1.87
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	4	1.87
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	4	1.87
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	4	1.87
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	16	1.87
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	16	1.87
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	16	1.87
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	3	1.87
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	3	1.87
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	3	1.87
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	7	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	7	1.87
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	7	1.87
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	7	1.87
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	19	1.87
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	19	1.87
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	19	1.87
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	10	1.87
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	10	1.87
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	17	1.87
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	17	1.87
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	19	1.87
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	19	1.87
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	6	1.87
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	6	1.87
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	6	1.87
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	20	1.87
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	20	1.87
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	20	1.87
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	12	1.87
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	12	1.87
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	12	1.87
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	12	1.87
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	12	1.87
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	12	1.87
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	12	1.87
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	12	1.87
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	12	1.87
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	15	1.87
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	15	1.87
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	15	1.87
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	18	1.87
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	6	1.87
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	6	1.87
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	6	1.87
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	4	1.87
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	4	1.87
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	4	1.87
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	6	1.87
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	6	1.87
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	6	1.87
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	1	1.87
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	1	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	1	1.87
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	12	1.87
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	12	1.87
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	12	1.87
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	4	1.86
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	4	1.86
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	10	1.86
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	10	1.86
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	6	1.86
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	6	1.86
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	15	1.86
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	15	1.86
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	4	1.86
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	4	1.86
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	4	1.86
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	4	1.86
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	12	1.86
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	12	1.86
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	15	1.86
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	15	1.86
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	14	1.86
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	14	1.86
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	11	1.86
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	11	1.86
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	11	1.86
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	11	1.86
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	11	1.86
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	11	1.86
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	18	1.86
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	18	1.86
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	18	1.86
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	18	1.86
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	18	1.86
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	18	1.86
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	11	1.86
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	11	1.86
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	8	1.86
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	8	1.86
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	3	1.86
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	3	1.86
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	3	1.86
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	3	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	18	1.86
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	18	1.86
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	5	1.86
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	5	1.86
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	18	1.86
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	18	1.86
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	18	1.86
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	18	1.86
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD13	9	1.86
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD11	9	1.86
(1,3042)	1:803:A:PRO:HG2	1:831:A:ILE:HD12	9	1.86
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD13	9	1.86
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD11	9	1.86
(1,3042)	1:803:A:PRO:HG3	1:831:A:ILE:HD12	9	1.86
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	17	1.86
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	17	1.86
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	17	1.86
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	17	1.86
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	8	1.86
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	8	1.86
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	8	1.86
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	8	1.86
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	12	1.86
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	12	1.86
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	9	1.86
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	15	1.86
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	13	1.86
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	13	1.86
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	13	1.86
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	18	1.86
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	18	1.86
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	18	1.86
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	18	1.86
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	14	1.86
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	17	1.86
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	13	1.86
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	13	1.86
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	13	1.86
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	4	1.86
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	4	1.86
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	4	1.86
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	11	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	11	1.86
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	11	1.86
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	15	1.86
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	15	1.86
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	15	1.86
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	13	1.86
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	13	1.86
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	13	1.86
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	13	1.86
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	13	1.86
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	13	1.86
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	13	1.86
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	13	1.86
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	13	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	1	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	1	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	1	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	1	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	1	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	1	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	1	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	1	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	1	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	4	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	4	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	4	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	4	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	4	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	4	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	4	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	4	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	4	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	5	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	5	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	5	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	5	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	5	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	5	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	5	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	5	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	5	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	7	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	7	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	7	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	7	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	7	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	7	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	7	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	7	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	7	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	10	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	10	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	10	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	10	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	10	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	10	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	10	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	10	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	10	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	12	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	12	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	12	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	12	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	12	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	12	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	12	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	12	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	12	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	15	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	15	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	15	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	15	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	15	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	15	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	15	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	15	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	15	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	19	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	19	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	19	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	19	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	19	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	19	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	19	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	19	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	19	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	20	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	20	1.86
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	20	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	20	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	20	1.86
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	20	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	20	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	20	1.86
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	20	1.86
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	9	1.86
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	9	1.86
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	9	1.86
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	10	1.86
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	10	1.86
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	10	1.86
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	18	1.86
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	18	1.86
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	18	1.86
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	3	1.86
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	3	1.86
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	3	1.86
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	8	1.86
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	8	1.86
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	8	1.86
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	4	1.86
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	4	1.86
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	4	1.86
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	8	1.86
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	20	1.86
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	20	1.86
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	20	1.86
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	3	1.86
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	3	1.86
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	3	1.86
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	2	1.86
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	2	1.86
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	2	1.86
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	2	1.86
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	19	1.86
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	19	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	19	1.86
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	19	1.86
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	2	1.86
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	2	1.86
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	7	1.86
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	7	1.86
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	7	1.86
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	7	1.86
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	7	1.86
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	7	1.86
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	14	1.86
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	14	1.86
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	14	1.86
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	14	1.86
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	14	1.86
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	14	1.86
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	3	1.86
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	3	1.86
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	3	1.86
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	5	1.86
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	5	1.86
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	5	1.86
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	11	1.86
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	3	1.86
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	4	1.86
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	4	1.86
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	4	1.86
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	4	1.86
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	19	1.86
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	19	1.86
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	14	1.86
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	14	1.86
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	19	1.86
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	19	1.86
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	3	1.86
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	3	1.86
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	4	1.86
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	4	1.86
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	1	1.86
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	20	1.86
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	20	1.86
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	12	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	12	1.86
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	12	1.86
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	12	1.86
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	12	1.86
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	12	1.86
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	7	1.86
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	7	1.86
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	7	1.86
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	5	1.86
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	5	1.86
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	5	1.86
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	5	1.86
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	5	1.86
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	5	1.86
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	2	1.86
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	2	1.86
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	2	1.86
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	2	1.86
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	2	1.86
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	2	1.86
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	10	1.86
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	10	1.86
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	10	1.86
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	10	1.86
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	10	1.86
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	10	1.86
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	4	1.86
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	4	1.86
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	4	1.86
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	4	1.86
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	4	1.86
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	4	1.86
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	10	1.86
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	10	1.86
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	10	1.86
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	10	1.86
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	10	1.86
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	10	1.86
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	4	1.86
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	4	1.86
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	4	1.86
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	4	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	1	1.86
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	1	1.86
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	6	1.86
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	6	1.86
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	6	1.86
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	6	1.86
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	6	1.86
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	6	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	2	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	2	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	2	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	2	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	2	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	2	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	6	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	6	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	6	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	6	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	6	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	6	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	8	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	8	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	8	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	8	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	8	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	8	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	17	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	17	1.86
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	17	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	17	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	17	1.86
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	17	1.86
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD1	18	1.86
(1,2247)	1:921:A:LYS:HA	1:924:A:TYR:HD2	18	1.86
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	5	1.86
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	5	1.86
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	17	1.86
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	17	1.86
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	8	1.86
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	15	1.86
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	17	1.86
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	17	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	5	1.86
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	15	1.86
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	15	1.86
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	20	1.86
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	20	1.86
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	4	1.86
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	4	1.86
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	3	1.86
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	3	1.86
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	3	1.86
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	9	1.86
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	17	1.86
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	17	1.86
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	17	1.86
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	13	1.86
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	17	1.86
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	17	1.86
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	17	1.86
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	2	1.86
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	2	1.86
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	2	1.86
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	2	1.86
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	2	1.86
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	11	1.86
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	11	1.86
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	11	1.86
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	17	1.86
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	17	1.86
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	11	1.86
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	2	1.86
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	1	1.86
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	1	1.86
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	1	1.86
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	13	1.86
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	13	1.86
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	13	1.86
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	12	1.86
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	12	1.86
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	18	1.86
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	18	1.86
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	15	1.86
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	15	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	15	1.86
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	18	1.86
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	18	1.86
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	18	1.86
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	3	1.86
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	6	1.86
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	6	1.86
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	1	1.86
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	1	1.86
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	1	1.86
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	3	1.86
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	3	1.86
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	4	1.86
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	4	1.86
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	4	1.86
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	6	1.86
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	6	1.86
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	6	1.86
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	1	1.86
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	1	1.86
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	4	1.86
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	4	1.86
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	13	1.86
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	13	1.86
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	14	1.86
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	14	1.86
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	20	1.86
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	20	1.86
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	3	1.86
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	3	1.86
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	3	1.86
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	10	1.86
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	10	1.86
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	10	1.86
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	3	1.86
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	3	1.86
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	3	1.86
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	4	1.86
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	4	1.86
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	20	1.86
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	20	1.86
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	10	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	10	1.86
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	10	1.86
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	15	1.86
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	15	1.86
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	15	1.86
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	4	1.86
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	4	1.86
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	4	1.86
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	4	1.86
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	4	1.86
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	4	1.86
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	9	1.86
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	9	1.86
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	9	1.86
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	9	1.86
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	9	1.86
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	9	1.86
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	8	1.86
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	8	1.86
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	8	1.86
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	8	1.86
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	8	1.86
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	8	1.86
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	15	1.86
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	15	1.86
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	15	1.86
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	15	1.86
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	15	1.86
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	15	1.86
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	2	1.86
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	2	1.86
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	2	1.86
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	2	1.86
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	2	1.86
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	2	1.86
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	4	1.86
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	4	1.86
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	4	1.86
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	6	1.86
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	6	1.86
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	6	1.86
(1,796)	1:920:A:LEU:HD21	1:923:A:GLN:HB3	5	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,796)	1:920:A:LEU:HD22	1:923:A:GLN:HB3	5	1.86
(1,796)	1:920:A:LEU:HD23	1:923:A:GLN:HB3	5	1.86
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	7	1.86
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	7	1.86
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	7	1.86
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	7	1.86
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	16	1.86
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	16	1.86
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	5	1.86
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	5	1.86
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	16	1.86
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	16	1.86
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	16	1.86
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	6	1.86
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	6	1.86
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	6	1.86
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	10	1.86
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	10	1.86
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	10	1.86
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	16	1.86
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	16	1.86
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	16	1.86
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	12	1.86
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	12	1.86
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	6	1.86
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	6	1.86
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	6	1.86
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	5	1.86
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	5	1.86
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	5	1.86
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	9	1.86
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	9	1.86
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	9	1.86
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	8	1.86
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	8	1.86
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	8	1.86
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	8	1.86
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	8	1.86
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	8	1.86
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	3	1.86
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	3	1.86
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	12	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	12	1.86
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	16	1.86
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	16	1.86
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	8	1.86
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	8	1.86
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	8	1.86
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	8	1.86
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	8	1.86
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	8	1.86
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	8	1.86
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	8	1.86
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	8	1.86
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	2	1.86
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	2	1.86
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	2	1.86
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	20	1.86
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	20	1.86
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	20	1.86
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	16	1.86
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	16	1.86
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	16	1.86
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	18	1.86
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	18	1.86
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	5	1.86
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	5	1.86
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	5	1.86
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	5	1.86
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	5	1.86
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	5	1.86
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	15	1.86
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	15	1.86
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	15	1.86
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	20	1.86
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	20	1.86
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	20	1.86
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	4	1.86
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	4	1.86
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	4	1.86
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	8	1.86
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	8	1.86
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	8	1.86
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	11	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	11	1.86
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	11	1.86
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	17	1.86
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	17	1.86
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	17	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	4	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	4	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	4	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	9	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	9	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	9	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	10	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	10	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	10	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	12	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	12	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	12	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	18	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	18	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	18	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	20	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	20	1.86
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	20	1.86
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	5	1.86
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	5	1.86
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	5	1.86
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	9	1.86
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	9	1.86
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	3	1.86
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	3	1.86
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	3	1.86
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	13	1.86
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	13	1.86
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	13	1.86
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	7	1.86
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	7	1.86
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	19	1.86
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	20	1.86
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	20	1.86
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	20	1.86
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	9	1.86
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	9	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	9	1.86
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	10	1.86
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	10	1.86
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	10	1.86
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	11	1.86
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	11	1.86
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	11	1.86
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	20	1.86
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	20	1.86
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	20	1.86
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	10	1.86
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	10	1.86
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	10	1.86
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	17	1.86
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	17	1.86
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	17	1.86
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	18	1.86
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	18	1.86
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	18	1.86
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	7	1.86
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	7	1.86
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	7	1.86
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	13	1.86
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	13	1.86
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	13	1.86
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	17	1.86
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	17	1.86
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	17	1.86
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	10	1.86
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	10	1.86
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	10	1.86
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	10	1.86
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	10	1.86
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	10	1.86
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	4	1.86
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	4	1.86
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	4	1.86
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	4	1.86
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	9	1.86
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	9	1.86
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	9	1.86
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	9	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	11	1.86
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	11	1.86
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	11	1.86
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	11	1.86
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	4	1.86
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	4	1.86
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	7	1.86
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	7	1.86
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	13	1.86
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	13	1.86
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	10	1.86
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	10	1.86
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	10	1.86
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	11	1.86
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	11	1.86
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	11	1.86
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	9	1.86
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	2	1.86
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	2	1.86
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	2	1.86
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	2	1.86
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	2	1.86
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	2	1.86
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	2	1.86
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	2	1.86
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	2	1.86
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	6	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	1	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	1	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	1	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	10	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	10	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	10	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	13	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	13	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	13	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	15	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	15	1.86
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	15	1.86
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	6	1.86
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	11	1.86
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	11	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	11	1.86
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	11	1.86
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	11	1.86
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	11	1.86
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	11	1.86
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	11	1.86
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	11	1.86
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	13	1.86
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	13	1.86
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	13	1.86
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	13	1.86
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	13	1.86
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	13	1.86
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	13	1.86
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	13	1.86
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	13	1.86
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	5	1.86
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	5	1.86
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	5	1.86
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	6	1.86
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	6	1.86
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	6	1.86
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	6	1.86
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	6	1.86
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	6	1.86
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	17	1.86
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	17	1.86
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	17	1.86
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	1	1.85
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	1	1.85
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	18	1.85
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	18	1.85
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	16	1.85
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	16	1.85
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	8	1.85
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	8	1.85
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	8	1.85
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	8	1.85
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	8	1.85
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	8	1.85
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	8	1.85
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	8	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	18	1.85
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	18	1.85
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	8	1.85
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	8	1.85
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	13	1.85
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	13	1.85
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	13	1.85
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	13	1.85
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	11	1.85
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	11	1.85
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	11	1.85
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	11	1.85
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	11	1.85
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	11	1.85
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	6	1.85
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	6	1.85
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	2	1.85
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	2	1.85
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	2	1.85
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	2	1.85
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	4	1.85
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	4	1.85
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	4	1.85
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	4	1.85
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	8	1.85
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	8	1.85
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	8	1.85
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	8	1.85
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	14	1.85
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	14	1.85
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	14	1.85
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	14	1.85
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	17	1.85
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	17	1.85
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	17	1.85
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	17	1.85
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	8	1.85
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	8	1.85
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	8	1.85
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	8	1.85
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	12	1.85
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	12	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	12	1.85
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	12	1.85
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	8	1.85
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	8	1.85
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	8	1.85
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	4	1.85
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	20	1.85
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	15	1.85
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	15	1.85
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	15	1.85
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	13	1.85
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	13	1.85
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	13	1.85
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	15	1.85
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	15	1.85
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	15	1.85
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	4	1.85
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	4	1.85
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	4	1.85
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	20	1.85
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	20	1.85
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	20	1.85
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	20	1.85
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	20	1.85
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	20	1.85
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	20	1.85
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	20	1.85
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	20	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	2	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	2	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	2	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	2	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	2	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	2	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	2	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	2	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	2	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	3	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	3	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	3	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	3	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	3	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	3	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	3	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	3	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	3	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	13	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	13	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	13	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	13	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	13	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	13	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	13	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	13	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	13	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	14	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	14	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	14	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	14	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	14	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	14	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	14	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	14	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	14	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	18	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	18	1.85
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	18	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	18	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	18	1.85
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	18	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	18	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	18	1.85
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	18	1.85
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	1	1.85
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	1	1.85
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	1	1.85
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	1	1.85
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	1	1.85
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	1	1.85
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	1	1.85
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	1	1.85
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	1	1.85
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	20	1.85
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	20	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	20	1.85
(1,2791)	1:798:A:LEU:HD21	1:799:A:PRO:HD2	12	1.85
(1,2791)	1:798:A:LEU:HD22	1:799:A:PRO:HD2	12	1.85
(1,2791)	1:798:A:LEU:HD23	1:799:A:PRO:HD2	12	1.85
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	13	1.85
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	13	1.85
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	13	1.85
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	3	1.85
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	3	1.85
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	3	1.85
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	2	1.85
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	4	1.85
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	4	1.85
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	4	1.85
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	10	1.85
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	10	1.85
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	10	1.85
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	10	1.85
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	13	1.85
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	13	1.85
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	13	1.85
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	13	1.85
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	3	1.85
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	3	1.85
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	18	1.85
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	18	1.85
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	18	1.85
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	8	1.85
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	8	1.85
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	8	1.85
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	8	1.85
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	8	1.85
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	8	1.85
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	1	1.85
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	1	1.85
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	1	1.85
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	4	1.85
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	4	1.85
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	4	1.85
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	14	1.85
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	14	1.85
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	14	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	17	1.85
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	17	1.85
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	17	1.85
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	11	1.85
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	11	1.85
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	2	1.85
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	8	1.85
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	18	1.85
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	17	1.85
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	17	1.85
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	17	1.85
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	17	1.85
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	4	1.85
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	4	1.85
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	4	1.85
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	4	1.85
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	5	1.85
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	13	1.85
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	13	1.85
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	17	1.85
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	17	1.85
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	7	1.85
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	9	1.85
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	9	1.85
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	15	1.85
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	15	1.85
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	15	1.85
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	15	1.85
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	15	1.85
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	15	1.85
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	10	1.85
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	10	1.85
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	10	1.85
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	10	1.85
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	10	1.85
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	10	1.85
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	4	1.85
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	4	1.85
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	3	1.85
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	3	1.85
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	3	1.85
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	3	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	3	1.85
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	3	1.85
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	8	1.85
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	8	1.85
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	8	1.85
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	8	1.85
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	8	1.85
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	8	1.85
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	10	1.85
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	10	1.85
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	10	1.85
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	14	1.85
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	14	1.85
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	14	1.85
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	11	1.85
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	11	1.85
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	11	1.85
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	11	1.85
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	11	1.85
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	11	1.85
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	2	1.85
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	2	1.85
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	2	1.85
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	2	1.85
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	2	1.85
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	2	1.85
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	18	1.85
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	18	1.85
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	12	1.85
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	12	1.85
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	12	1.85
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	12	1.85
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	12	1.85
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	12	1.85
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	4	1.85
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	4	1.85
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	4	1.85
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	4	1.85
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	4	1.85
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	4	1.85
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	7	1.85
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	7	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	7	1.85
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	7	1.85
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	7	1.85
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	7	1.85
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	15	1.85
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	15	1.85
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	19	1.85
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	19	1.85
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	7	1.85
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	7	1.85
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	7	1.85
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	8	1.85
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	8	1.85
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	8	1.85
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	8	1.85
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	8	1.85
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	8	1.85
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	5	1.85
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	5	1.85
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	5	1.85
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	7	1.85
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	7	1.85
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	17	1.85
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	17	1.85
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	17	1.85
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	2	1.85
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	2	1.85
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	2	1.85
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	10	1.85
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	13	1.85
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	13	1.85
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	13	1.85
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	4	1.85
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	4	1.85
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	4	1.85
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	12	1.85
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	12	1.85
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	9	1.85
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	9	1.85
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	12	1.85
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	17	1.85
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	6	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	6	1.85
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	6	1.85
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	20	1.85
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	20	1.85
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	20	1.85
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	13	1.85
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	13	1.85
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	13	1.85
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	18	1.85
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	18	1.85
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	18	1.85
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	16	1.85
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	16	1.85
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	7	1.85
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	7	1.85
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	7	1.85
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	12	1.85
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	12	1.85
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	12	1.85
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	6	1.85
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	6	1.85
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	6	1.85
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	3	1.85
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	20	1.85
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	5	1.85
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	5	1.85
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	5	1.85
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	17	1.85
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	17	1.85
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	17	1.85
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	12	1.85
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	12	1.85
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	12	1.85
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	19	1.85
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	19	1.85
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	19	1.85
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	4	1.85
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	4	1.85
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	4	1.85
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	2	1.85
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	14	1.85
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	14	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	9	1.85
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	9	1.85
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	10	1.85
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	10	1.85
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	2	1.85
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	2	1.85
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	2	1.85
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	15	1.85
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	15	1.85
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	15	1.85
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	13	1.85
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	13	1.85
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	13	1.85
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	2	1.85
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	2	1.85
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	2	1.85
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	17	1.85
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	17	1.85
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	17	1.85
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	4	1.85
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	4	1.85
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	4	1.85
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	14	1.85
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	14	1.85
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	14	1.85
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	6	1.85
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	6	1.85
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	6	1.85
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	7	1.85
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	7	1.85
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	7	1.85
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB1	7	1.85
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB2	7	1.85
(1,834)	1:876:A:LEU:HD13	1:879:A:ALA:HB3	7	1.85
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB1	7	1.85
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB2	7	1.85
(1,834)	1:876:A:LEU:HD11	1:879:A:ALA:HB3	7	1.85
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB1	7	1.85
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB2	7	1.85
(1,834)	1:876:A:LEU:HD12	1:879:A:ALA:HB3	7	1.85
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	3	1.85
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	3	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	3	1.85
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	16	1.85
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	16	1.85
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	16	1.85
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	16	1.85
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	16	1.85
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	16	1.85
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	17	1.85
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	17	1.85
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	17	1.85
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	17	1.85
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	17	1.85
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	17	1.85
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	12	1.85
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	12	1.85
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	12	1.85
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	8	1.85
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	8	1.85
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	10	1.85
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	3	1.85
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	3	1.85
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	3	1.85
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	3	1.85
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	3	1.85
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	3	1.85
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	2	1.85
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	2	1.85
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	2	1.85
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	2	1.85
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	2	1.85
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	2	1.85
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	8	1.85
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	8	1.85
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	10	1.85
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	10	1.85
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	10	1.85
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	13	1.85
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	13	1.85
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	13	1.85
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	7	1.85
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	7	1.85
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	6	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	6	1.85
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	6	1.85
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	3	1.85
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	3	1.85
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	3	1.85
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	19	1.85
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	19	1.85
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	19	1.85
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	12	1.85
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	12	1.85
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	12	1.85
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	9	1.85
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	9	1.85
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	9	1.85
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	9	1.85
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	9	1.85
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	9	1.85
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	17	1.85
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	17	1.85
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	19	1.85
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	19	1.85
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	8	1.85
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	8	1.85
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	8	1.85
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	8	1.85
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	8	1.85
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	8	1.85
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	14	1.85
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	14	1.85
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	14	1.85
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	14	1.85
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	14	1.85
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	14	1.85
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	14	1.85
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	14	1.85
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	14	1.85
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	12	1.85
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	12	1.85
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	12	1.85
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	12	1.85
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	12	1.85
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	12	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	12	1.85
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	12	1.85
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	12	1.85
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	19	1.85
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	7	1.85
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	7	1.85
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	13	1.85
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	13	1.85
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	13	1.85
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	19	1.85
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	19	1.85
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	19	1.85
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	19	1.85
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	19	1.85
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	19	1.85
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	19	1.85
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	19	1.85
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	19	1.85
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	16	1.85
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	16	1.85
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	16	1.85
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	9	1.85
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	9	1.85
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	9	1.85
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	9	1.85
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	9	1.85
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	9	1.85
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	1	1.85
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	1	1.85
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	1	1.85
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	1	1.85
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	1	1.85
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	1	1.85
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	1	1.85
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	1	1.85
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	1	1.85
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	12	1.85
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	12	1.85
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	12	1.85
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	12	1.85
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	12	1.85
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	12	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	12	1.85
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	12	1.85
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	12	1.85
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	5	1.85
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	5	1.85
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	5	1.85
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	6	1.85
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	6	1.85
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	6	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	2	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	2	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	2	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	13	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	13	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	13	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	16	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	16	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	16	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	17	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	17	1.85
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	17	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	3	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	3	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	3	1.85
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	3	1.85
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	3	1.85
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	3	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	3	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	3	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	3	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	6	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	6	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	6	1.85
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	6	1.85
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	6	1.85
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	6	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	6	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	6	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	6	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	8	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	8	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	8	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	8	1.85
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	8	1.85
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	8	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	8	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	8	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	8	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	14	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	14	1.85
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	14	1.85
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	14	1.85
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	14	1.85
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	14	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	14	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	14	1.85
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	14	1.85
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	20	1.85
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	20	1.85
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	10	1.85
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	10	1.85
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	10	1.85
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	8	1.85
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	8	1.85
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	8	1.85
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	20	1.85
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	20	1.85
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	20	1.85
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	17	1.85
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	17	1.85
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	17	1.85
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	2	1.85
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	2	1.85
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	10	1.85
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	10	1.85
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	2	1.85
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	2	1.85
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	19	1.85
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	19	1.85
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	1	1.85
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	14	1.85
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	6	1.85
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	3	1.85
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	3	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	3	1.85
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	10	1.85
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	10	1.85
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	10	1.85
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	7	1.85
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	7	1.85
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	7	1.85
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	5	1.85
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	5	1.85
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	5	1.85
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	15	1.85
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	15	1.85
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	15	1.85
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	9	1.85
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	9	1.85
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	9	1.85
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	17	1.85
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	17	1.85
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	17	1.85
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	17	1.85
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	17	1.85
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	17	1.85
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	17	1.85
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	17	1.85
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	17	1.85
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	18	1.85
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	18	1.85
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	18	1.85
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	3	1.85
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	3	1.85
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	3	1.85
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	3	1.85
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	3	1.85
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	3	1.85
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	3	1.85
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	3	1.85
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	3	1.85
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	18	1.85
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	18	1.85
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	18	1.85
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	18	1.85
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	18	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	18	1.85
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	2	1.85
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	2	1.85
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	2	1.85
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	2	1.85
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	2	1.85
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	2	1.85
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	14	1.85
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	14	1.85
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	14	1.85
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	14	1.85
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	14	1.85
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	14	1.85
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	10	1.85
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	6	1.85
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	6	1.85
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	3	1.85
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	3	1.85
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	6	1.85
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	6	1.85
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	6	1.85
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	6	1.85
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	6	1.85
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	6	1.85
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	6	1.85
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	6	1.85
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	6	1.85
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	20	1.85
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	20	1.85
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	20	1.85
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	12	1.85
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	12	1.85
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	12	1.85
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	7	1.85
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	17	1.85
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	17	1.85
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	17	1.85
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	17	1.85
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	17	1.85
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	17	1.85
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	17	1.85
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	17	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	17	1.85
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	12	1.85
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	12	1.85
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	16	1.85
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	16	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	1	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	1	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	1	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	1	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	1	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	1	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	1	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	1	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	1	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	4	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	4	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	4	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	4	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	4	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	4	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	4	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	4	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	4	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	5	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	5	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	5	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	5	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	5	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	5	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	5	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	5	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	5	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	6	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	6	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	6	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	6	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	6	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	6	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	6	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	6	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	6	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	8	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	8	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	8	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	8	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	8	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	8	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	8	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	8	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	8	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	17	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	17	1.85
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	17	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	17	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	17	1.85
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	17	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	17	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	17	1.85
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	17	1.85
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	18	1.85
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	18	1.85
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	18	1.85
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	7	1.85
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	7	1.85
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	7	1.85
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	10	1.85
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	10	1.85
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	10	1.85
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	1	1.85
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	1	1.85
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	1	1.85
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	12	1.85
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	12	1.85
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	12	1.85
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	12	1.85
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	12	1.85
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	12	1.85
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	17	1.85
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	17	1.85
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	17	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	2	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	2	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	2	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	10	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	10	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	10	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	16	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	16	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	16	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	20	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	20	1.85
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	20	1.85
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	6	1.85
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	6	1.85
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	6	1.85
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	12	1.85
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	12	1.85
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	12	1.85
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	13	1.85
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	13	1.85
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	13	1.85
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	14	1.85
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	14	1.85
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	14	1.85
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	16	1.85
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	16	1.85
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	16	1.85
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	17	1.85
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	17	1.85
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	17	1.85
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	11	1.84
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	11	1.84
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	8	1.84
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	8	1.84
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	8	1.84
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	8	1.84
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	2	1.84
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	2	1.84
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	2	1.84
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	2	1.84
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	15	1.84
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	15	1.84
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	15	1.84
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	15	1.84
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	16	1.84
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	16	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	12	1.84
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	12	1.84
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	12	1.84
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	12	1.84
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	12	1.84
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	12	1.84
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	12	1.84
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	12	1.84
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	5	1.84
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	5	1.84
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	4	1.84
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	4	1.84
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	7	1.84
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	7	1.84
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	6	1.84
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	6	1.84
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	12	1.84
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	12	1.84
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	1	1.84
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	1	1.84
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	20	1.84
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	20	1.84
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	7	1.84
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	7	1.84
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	7	1.84
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	10	1.84
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	10	1.84
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	10	1.84
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	11	1.84
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	11	1.84
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	11	1.84
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	17	1.84
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	7	1.84
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	19	1.84
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	5	1.84
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	5	1.84
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	5	1.84
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	19	1.84
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	19	1.84
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	19	1.84
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	11	1.84
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	11	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	11	1.84
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	3	1.84
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	3	1.84
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	3	1.84
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	3	1.84
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	3	1.84
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	3	1.84
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	3	1.84
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	3	1.84
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	3	1.84
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	5	1.84
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	5	1.84
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	5	1.84
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	5	1.84
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	5	1.84
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	5	1.84
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	5	1.84
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	5	1.84
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	5	1.84
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	11	1.84
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	11	1.84
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	11	1.84
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	11	1.84
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	11	1.84
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	11	1.84
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	11	1.84
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	11	1.84
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	11	1.84
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	17	1.84
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	17	1.84
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	17	1.84
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	17	1.84
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	17	1.84
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	17	1.84
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	17	1.84
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	17	1.84
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	17	1.84
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	3	1.84
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	3	1.84
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	3	1.84
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD23	19	1.84
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD21	19	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2818)	1:900:A:LEU:HB3	1:900:A:LEU:HD22	19	1.84
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	3	1.84
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	3	1.84
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	3	1.84
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	19	1.84
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	19	1.84
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	19	1.84
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	20	1.84
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	20	1.84
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	20	1.84
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	2	1.84
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	2	1.84
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	2	1.84
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	20	1.84
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	20	1.84
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	20	1.84
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	12	1.84
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	12	1.84
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	12	1.84
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	3	1.84
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	3	1.84
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	9	1.84
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	9	1.84
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	9	1.84
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	14	1.84
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	14	1.84
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	14	1.84
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	8	1.84
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	8	1.84
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	8	1.84
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	8	1.84
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	13	1.84
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	13	1.84
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	13	1.84
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	13	1.84
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	13	1.84
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	13	1.84
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	15	1.84
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	15	1.84
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	15	1.84
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	15	1.84
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	15	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	15	1.84
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	16	1.84
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	16	1.84
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	16	1.84
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	16	1.84
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	16	1.84
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	16	1.84
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	3	1.84
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	3	1.84
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	3	1.84
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	10	1.84
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	10	1.84
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	10	1.84
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	13	1.84
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	13	1.84
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	13	1.84
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	11	1.84
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	11	1.84
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	11	1.84
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	16	1.84
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	16	1.84
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	16	1.84
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	9	1.84
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	9	1.84
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	9	1.84
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	6	1.84
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	6	1.84
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	6	1.84
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	5	1.84
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	5	1.84
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	17	1.84
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	17	1.84
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	17	1.84
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	17	1.84
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	17	1.84
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	17	1.84
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	17	1.84
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	17	1.84
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	6	1.84
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	6	1.84
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	1	1.84
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	14	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	17	1.84
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	19	1.84
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	20	1.84
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	10	1.84
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	10	1.84
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	6	1.84
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	10	1.84
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	10	1.84
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	15	1.84
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	15	1.84
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	15	1.84
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	15	1.84
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	18	1.84
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	18	1.84
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	18	1.84
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	18	1.84
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	18	1.84
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	18	1.84
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	3	1.84
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	3	1.84
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	3	1.84
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	3	1.84
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	3	1.84
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	3	1.84
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	16	1.84
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	16	1.84
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	16	1.84
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	16	1.84
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	16	1.84
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	16	1.84
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	9	1.84
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	9	1.84
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	9	1.84
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	9	1.84
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	18	1.84
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	18	1.84
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	18	1.84
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	18	1.84
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	18	1.84
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	18	1.84
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	14	1.84
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	14	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	14	1.84
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	14	1.84
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	14	1.84
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	14	1.84
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	11	1.84
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	11	1.84
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	3	1.84
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	3	1.84
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	3	1.84
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	3	1.84
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	3	1.84
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	3	1.84
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	3	1.84
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	3	1.84
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	3	1.84
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	3	1.84
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	3	1.84
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	3	1.84
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	14	1.84
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	14	1.84
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	14	1.84
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	14	1.84
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	14	1.84
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	14	1.84
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	20	1.84
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	20	1.84
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	20	1.84
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	20	1.84
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	20	1.84
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	20	1.84
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	20	1.84
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	20	1.84
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	20	1.84
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	20	1.84
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	8	1.84
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	8	1.84
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	8	1.84
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	8	1.84
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	2	1.84
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	2	1.84
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	2	1.84
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	2	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	2	1.84
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	2	1.84
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	13	1.84
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	13	1.84
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	13	1.84
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	13	1.84
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	13	1.84
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	13	1.84
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	19	1.84
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	19	1.84
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	19	1.84
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	19	1.84
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	19	1.84
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	19	1.84
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	7	1.84
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	7	1.84
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	7	1.84
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	7	1.84
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	7	1.84
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	7	1.84
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	19	1.84
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	19	1.84
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	19	1.84
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	19	1.84
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	19	1.84
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	19	1.84
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	13	1.84
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	13	1.84
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	13	1.84
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	13	1.84
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	13	1.84
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	13	1.84
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	19	1.84
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	19	1.84
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	19	1.84
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	19	1.84
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	19	1.84
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	19	1.84
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	2	1.84
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	2	1.84
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	2	1.84
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	2	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	2	1.84
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	2	1.84
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	10	1.84
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	10	1.84
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	16	1.84
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	16	1.84
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	16	1.84
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	15	1.84
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	15	1.84
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	15	1.84
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	8	1.84
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	8	1.84
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	2	1.84
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	12	1.84
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	20	1.84
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	16	1.84
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	16	1.84
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	16	1.84
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	5	1.84
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	5	1.84
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	8	1.84
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	17	1.84
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	17	1.84
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	17	1.84
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	16	1.84
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	16	1.84
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	18	1.84
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	18	1.84
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	10	1.84
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	10	1.84
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	10	1.84
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	11	1.84
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	11	1.84
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	11	1.84
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	18	1.84
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	18	1.84
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	18	1.84
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	1	1.84
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	12	1.84
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	12	1.84
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	12	1.84
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	11	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	11	1.84
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	11	1.84
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	15	1.84
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	15	1.84
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	2	1.84
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	2	1.84
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	2	1.84
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	3	1.84
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	3	1.84
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	3	1.84
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	18	1.84
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	18	1.84
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	18	1.84
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	14	1.84
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	14	1.84
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	11	1.84
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	9	1.84
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	9	1.84
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	4	1.84
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	17	1.84
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	2	1.84
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	2	1.84
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	2	1.84
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	6	1.84
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	6	1.84
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	6	1.84
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	1	1.84
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	1	1.84
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	1	1.84
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	15	1.84
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	17	1.84
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	3	1.84
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	3	1.84
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	3	1.84
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	15	1.84
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	15	1.84
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	15	1.84
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	20	1.84
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	20	1.84
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	20	1.84
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	3	1.84
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	3	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	3	1.84
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	17	1.84
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	17	1.84
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	17	1.84
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	8	1.84
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	8	1.84
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	13	1.84
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	19	1.84
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	8	1.84
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	8	1.84
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	8	1.84
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	19	1.84
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	19	1.84
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	19	1.84
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	16	1.84
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	16	1.84
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	16	1.84
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	12	1.84
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	12	1.84
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	3	1.84
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	3	1.84
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	3	1.84
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	11	1.84
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	11	1.84
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	11	1.84
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	2	1.84
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	2	1.84
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	2	1.84
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	2	1.84
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	2	1.84
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	2	1.84
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	6	1.84
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	6	1.84
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	6	1.84
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	6	1.84
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	6	1.84
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	6	1.84
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	7	1.84
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	7	1.84
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	7	1.84
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	7	1.84
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	7	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	7	1.84
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	4	1.84
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	4	1.84
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	4	1.84
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	4	1.84
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	4	1.84
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	4	1.84
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	12	1.84
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	12	1.84
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	12	1.84
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	12	1.84
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	12	1.84
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	12	1.84
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	18	1.84
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	18	1.84
(1,818)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	18	1.84
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	18	1.84
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	18	1.84
(1,818)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	18	1.84
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	17	1.84
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	17	1.84
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	17	1.84
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	9	1.84
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	9	1.84
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	9	1.84
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	9	1.84
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	12	1.84
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	12	1.84
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	12	1.84
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	12	1.84
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	1	1.84
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	20	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	7	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	7	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	7	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	7	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	7	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	7	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	8	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	8	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	8	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	8	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	8	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	8	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	11	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	11	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	11	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	11	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	11	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	11	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	14	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	14	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	14	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	14	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	14	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	14	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	19	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	19	1.84
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	19	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	19	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	19	1.84
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	19	1.84
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	7	1.84
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	7	1.84
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	13	1.84
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	13	1.84
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	10	1.84
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	10	1.84
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	10	1.84
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	14	1.84
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	14	1.84
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	14	1.84
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	3	1.84
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	3	1.84
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	3	1.84
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	10	1.84
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	10	1.84
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	10	1.84
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	19	1.84
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	19	1.84
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	19	1.84
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	19	1.84
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	19	1.84
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	19	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	18	1.84
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	18	1.84
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	7	1.84
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	7	1.84
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	7	1.84
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	7	1.84
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	7	1.84
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	7	1.84
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	7	1.84
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	7	1.84
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	7	1.84
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	6	1.84
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	6	1.84
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	6	1.84
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	13	1.84
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	13	1.84
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	13	1.84
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	3	1.84
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	3	1.84
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	3	1.84
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	11	1.84
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	11	1.84
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	11	1.84
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	20	1.84
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	20	1.84
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	20	1.84
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	2	1.84
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	2	1.84
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	1	1.84
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	1	1.84
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	6	1.84
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	6	1.84
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	4	1.84
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	4	1.84
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	4	1.84
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	4	1.84
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	4	1.84
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	4	1.84
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD12	14	1.84
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD13	14	1.84
(1,603)	1:850:A:PHE:HD1	1:889:A:ILE:HD11	14	1.84
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD12	14	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD13	14	1.84
(1,603)	1:850:A:PHE:HD2	1:889:A:ILE:HD11	14	1.84
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	1	1.84
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	1	1.84
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	1	1.84
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	16	1.84
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	16	1.84
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	16	1.84
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	6	1.84
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	6	1.84
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	6	1.84
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	15	1.84
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	15	1.84
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	15	1.84
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	14	1.84
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	9	1.84
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	9	1.84
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	9	1.84
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	20	1.84
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	20	1.84
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	20	1.84
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	20	1.84
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	20	1.84
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	20	1.84
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	20	1.84
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	20	1.84
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	20	1.84
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	6	1.84
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	6	1.84
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	6	1.84
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD13	7	1.84
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD11	7	1.84
(1,489)	1:874:A:LEU:HB2	1:874:A:LEU:HD12	7	1.84
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	13	1.84
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	11	1.84
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	11	1.84
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	11	1.84
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	13	1.84
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	13	1.84
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	13	1.84
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	13	1.84
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	13	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	13	1.84
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	13	1.84
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	13	1.84
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	13	1.84
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD21	4	1.84
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD22	4	1.84
(1,415)	1:866:A:PRO:HA	1:904:A:LEU:HD23	4	1.84
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	17	1.84
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	17	1.84
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	10	1.84
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	10	1.84
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	10	1.84
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	3	1.84
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	3	1.84
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	3	1.84
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	7	1.84
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	7	1.84
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	7	1.84
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	18	1.84
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	18	1.84
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	18	1.84
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	11	1.84
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	11	1.84
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	5	1.84
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	5	1.84
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	5	1.84
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	5	1.84
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	5	1.84
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	5	1.84
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	5	1.84
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	5	1.84
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	5	1.84
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	6	1.84
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	6	1.84
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	6	1.84
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	2	1.84
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	2	1.84
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	2	1.84
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	7	1.84
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	7	1.84
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	7	1.84
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	5	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	5	1.84
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	5	1.84
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	18	1.84
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	18	1.84
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	18	1.84
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD11	4	1.84
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD12	4	1.84
(1,316)	1:829:A:LEU:HD11	1:853:A:LEU:HD13	4	1.84
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD11	4	1.84
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD12	4	1.84
(1,316)	1:829:A:LEU:HD12	1:853:A:LEU:HD13	4	1.84
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD11	4	1.84
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD12	4	1.84
(1,316)	1:829:A:LEU:HD13	1:853:A:LEU:HD13	4	1.84
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	4	1.84
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	4	1.84
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	4	1.84
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	4	1.84
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	4	1.84
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	4	1.84
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	20	1.84
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	15	1.84
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	15	1.84
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	15	1.84
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	15	1.84
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	19	1.84
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	19	1.84
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	19	1.84
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	19	1.84
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	5	1.84
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	10	1.84
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	10	1.84
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	10	1.84
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	5	1.84
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	5	1.84
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	8	1.84
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	8	1.84
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	14	1.84
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	14	1.84
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	14	1.84
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	14	1.84
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	14	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	14	1.84
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	14	1.84
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	14	1.84
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	14	1.84
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	15	1.84
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	15	1.84
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	15	1.84
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	15	1.84
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	15	1.84
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	15	1.84
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	15	1.84
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	15	1.84
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	15	1.84
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	12	1.84
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	12	1.84
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	12	1.84
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	9	1.84
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	9	1.84
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	9	1.84
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	10	1.84
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	10	1.84
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	10	1.84
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	12	1.84
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	12	1.84
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	12	1.84
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	12	1.84
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	12	1.84
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	12	1.84
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	12	1.84
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	12	1.84
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	12	1.84
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	18	1.84
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	18	1.84
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	18	1.84
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	18	1.84
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	18	1.84
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	18	1.84
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	18	1.84
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	18	1.84
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	18	1.84
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	20	1.84
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	20	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	20	1.84
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	20	1.84
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	20	1.84
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	20	1.84
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	20	1.84
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	20	1.84
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	20	1.84
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	7	1.84
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	7	1.84
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	7	1.84
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	15	1.84
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	15	1.84
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	15	1.84
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	16	1.84
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	16	1.84
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	16	1.84
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	3	1.84
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	3	1.84
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	3	1.84
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	15	1.84
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	15	1.84
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	15	1.84
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	7	1.84
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	7	1.84
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	7	1.84
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	12	1.84
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	12	1.84
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	12	1.84
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	12	1.84
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	12	1.84
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	12	1.84
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	8	1.84
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	8	1.84
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	8	1.84
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	9	1.84
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	9	1.84
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	9	1.84
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	19	1.84
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	19	1.84
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	19	1.84
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	2	1.84
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	2	1.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	2	1.84
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	3	1.84
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	3	1.84
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	3	1.84
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	9	1.84
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	9	1.84
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	9	1.84
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	10	1.84
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	10	1.84
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	10	1.84
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	11	1.84
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	11	1.84
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	11	1.84
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	15	1.84
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	15	1.84
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	15	1.84
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	19	1.84
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	19	1.84
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	19	1.84
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	8	1.83
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	8	1.83
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	7	1.83
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	7	1.83
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	2	1.83
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	2	1.83
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	2	1.83
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	2	1.83
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	13	1.83
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	13	1.83
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	13	1.83
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	13	1.83
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	10	1.83
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	10	1.83
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	10	1.83
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	10	1.83
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	1	1.83
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	1	1.83
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	1	1.83
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	1	1.83
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	6	1.83
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	6	1.83
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	6	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	6	1.83
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	16	1.83
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	16	1.83
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	3	1.83
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	3	1.83
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	20	1.83
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	20	1.83
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	4	1.83
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	4	1.83
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	15	1.83
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	15	1.83
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	15	1.83
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	15	1.83
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	19	1.83
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	19	1.83
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	19	1.83
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	19	1.83
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	3	1.83
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	3	1.83
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	8	1.83
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	8	1.83
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	4	1.83
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	4	1.83
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	4	1.83
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	4	1.83
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	4	1.83
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	4	1.83
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	4	1.83
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	4	1.83
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	4	1.83
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	4	1.83
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	4	1.83
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	4	1.83
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	10	1.83
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	10	1.83
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	2	1.83
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	2	1.83
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	5	1.83
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	5	1.83
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	20	1.83
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	20	1.83
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	3	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	3	1.83
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	8	1.83
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	8	1.83
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	9	1.83
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	9	1.83
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	18	1.83
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	18	1.83
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	18	1.83
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	19	1.83
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	17	1.83
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	12	1.83
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	15	1.83
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	15	1.83
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	15	1.83
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	2	1.83
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	5	1.83
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	5	1.83
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	5	1.83
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	11	1.83
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	11	1.83
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	17	1.83
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	17	1.83
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	17	1.83
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	14	1.83
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	14	1.83
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	14	1.83
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	3	1.83
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	3	1.83
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	3	1.83
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD11	6	1.83
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD12	6	1.83
(1,2849)	1:870:A:TYR:HB3	1:904:A:LEU:HD13	6	1.83
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD21	14	1.83
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD22	14	1.83
(1,2832)	1:812:A:ILE:HG23	1:816:A:LEU:HD23	14	1.83
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD21	14	1.83
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD22	14	1.83
(1,2832)	1:812:A:ILE:HG21	1:816:A:LEU:HD23	14	1.83
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD21	14	1.83
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD22	14	1.83
(1,2832)	1:812:A:ILE:HG22	1:816:A:LEU:HD23	14	1.83
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	17	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	17	1.83
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	17	1.83
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	11	1.83
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	11	1.83
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	11	1.83
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	16	1.83
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	16	1.83
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	16	1.83
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	6	1.83
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	6	1.83
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	6	1.83
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	6	1.83
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	6	1.83
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	6	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	9	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	9	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	9	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	13	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	13	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	13	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	16	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	16	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	16	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	18	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	18	1.83
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	18	1.83
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	7	1.83
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	7	1.83
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	7	1.83
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	4	1.83
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	10	1.83
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	10	1.83
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	10	1.83
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	10	1.83
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	4	1.83
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	5	1.83
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	5	1.83
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	5	1.83
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	1	1.83
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	1	1.83
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	1	1.83
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	1	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	1	1.83
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	1	1.83
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	13	1.83
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	13	1.83
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	13	1.83
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	13	1.83
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	13	1.83
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	13	1.83
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	17	1.83
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	17	1.83
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	17	1.83
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	17	1.83
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	17	1.83
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	17	1.83
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	3	1.83
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	3	1.83
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	3	1.83
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	8	1.83
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	8	1.83
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	8	1.83
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	3	1.83
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	3	1.83
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	3	1.83
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	3	1.83
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	3	1.83
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	4	1.83
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	4	1.83
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	4	1.83
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	5	1.83
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	5	1.83
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	4	1.83
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	4	1.83
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	8	1.83
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	8	1.83
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	5	1.83
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	5	1.83
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	5	1.83
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	5	1.83
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	8	1.83
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	8	1.83
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	12	1.83
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	12	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	16	1.83
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	16	1.83
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	13	1.83
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	13	1.83
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	19	1.83
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	19	1.83
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	6	1.83
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	6	1.83
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	6	1.83
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	6	1.83
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	17	1.83
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	17	1.83
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	17	1.83
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	17	1.83
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	17	1.83
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	17	1.83
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	16	1.83
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	16	1.83
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	16	1.83
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	16	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	6	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	6	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	6	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	6	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	6	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	6	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	10	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	10	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	10	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	10	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	10	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	10	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	11	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	11	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	11	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	11	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	11	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	11	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	12	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	12	1.83
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	12	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	12	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	12	1.83
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	12	1.83
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	12	1.83
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	12	1.83
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	12	1.83
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	12	1.83
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	12	1.83
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	12	1.83
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	1	1.83
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	1	1.83
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	1	1.83
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	1	1.83
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	1	1.83
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	1	1.83
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	4	1.83
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	4	1.83
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	4	1.83
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	4	1.83
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	4	1.83
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	4	1.83
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	18	1.83
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	18	1.83
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	6	1.83
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	6	1.83
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	6	1.83
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	6	1.83
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	18	1.83
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	18	1.83
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	13	1.83
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	13	1.83
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	13	1.83
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	13	1.83
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	13	1.83
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	13	1.83
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	20	1.83
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	20	1.83
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	20	1.83
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	20	1.83
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	20	1.83
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	20	1.83
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	7	1.83
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	7	1.83
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	7	1.83
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	7	1.83
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	7	1.83
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	14	1.83
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	14	1.83
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	2	1.83
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	2	1.83
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	2	1.83
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	2	1.83
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	2	1.83
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	15	1.83
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	15	1.83
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	15	1.83
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	14	1.83
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	20	1.83
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	3	1.83
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	3	1.83
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	3	1.83
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	2	1.83
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	2	1.83
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	18	1.83
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	18	1.83
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	18	1.83
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	17	1.83
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	17	1.83
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	17	1.83
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	15	1.83
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	15	1.83
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	3	1.83
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	3	1.83
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	20	1.83
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	20	1.83
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	20	1.83
(1,1745)	1:845:A:LEU:HD11	1:882:A:PHE:H	19	1.83
(1,1745)	1:845:A:LEU:HD12	1:882:A:PHE:H	19	1.83
(1,1745)	1:845:A:LEU:HD13	1:882:A:PHE:H	19	1.83
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	16	1.83
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	6	1.83
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	6	1.83
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	6	1.83
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	6	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	6	1.83
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	8	1.83
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	8	1.83
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	8	1.83
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	9	1.83
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	9	1.83
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	9	1.83
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	2	1.83
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	2	1.83
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	14	1.83
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	14	1.83
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	2	1.83
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	14	1.83
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	14	1.83
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	14	1.83
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	15	1.83
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	15	1.83
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	15	1.83
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	10	1.83
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	15	1.83
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	3	1.83
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	3	1.83
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	3	1.83
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	7	1.83
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	7	1.83
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	7	1.83
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	9	1.83
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	9	1.83
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	9	1.83
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	19	1.83
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	19	1.83
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	19	1.83
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	9	1.83
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	9	1.83
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	9	1.83
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	4	1.83
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	4	1.83
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	4	1.83
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	18	1.83
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	18	1.83
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	18	1.83
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	6	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	6	1.83
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	6	1.83
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	1	1.83
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	1	1.83
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	1	1.83
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	20	1.83
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	20	1.83
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	20	1.83
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD21	10	1.83
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD22	10	1.83
(1,1210)	1:830:A:ALA:H	1:861:A:LEU:HD23	10	1.83
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	20	1.83
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	20	1.83
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	20	1.83
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	2	1.83
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	2	1.83
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	20	1.83
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	20	1.83
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	7	1.83
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	17	1.83
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	18	1.83
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	18	1.83
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	18	1.83
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	12	1.83
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	12	1.83
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	12	1.83
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	12	1.83
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	12	1.83
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	12	1.83
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	6	1.83
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	6	1.83
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	6	1.83
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	17	1.83
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	17	1.83
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	10	1.83
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	10	1.83
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	10	1.83
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	10	1.83
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	10	1.83
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	10	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	1	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	1	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	1	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	1	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	1	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	1	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	4	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	4	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	4	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	4	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	4	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	4	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	9	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	9	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	9	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	9	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	9	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	9	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	11	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	11	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	11	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	11	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	11	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	11	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	13	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	13	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	13	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	13	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	13	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	13	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	14	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	14	1.83
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	14	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	14	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	14	1.83
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	14	1.83
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	12	1.83
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	12	1.83
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	12	1.83
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	14	1.83
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	14	1.83
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	14	1.83
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	14	1.83
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	16	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	16	1.83
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	16	1.83
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	16	1.83
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	17	1.83
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	17	1.83
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	17	1.83
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	17	1.83
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	19	1.83
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	19	1.83
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	19	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	4	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	4	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	4	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	4	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	4	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	4	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	5	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	5	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	5	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	5	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	5	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	5	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	9	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	9	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	9	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	9	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	9	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	9	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	10	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	10	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	10	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	10	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	10	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	10	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	15	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	15	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	15	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	15	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	15	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	15	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	18	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	18	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	18	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	18	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	18	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	18	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	20	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	20	1.83
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	20	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	20	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	20	1.83
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	20	1.83
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	5	1.83
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	5	1.83
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	5	1.83
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	6	1.83
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	6	1.83
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	8	1.83
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	8	1.83
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	8	1.83
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	9	1.83
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	9	1.83
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	9	1.83
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	12	1.83
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	12	1.83
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	12	1.83
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	19	1.83
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	19	1.83
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	19	1.83
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	14	1.83
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	14	1.83
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	16	1.83
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	16	1.83
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	17	1.83
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	17	1.83
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	7	1.83
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	7	1.83
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	7	1.83
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG3	14	1.83
(1,684)	1:896:A:LEU:HA	1:899:A:GLN:HG2	14	1.83
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	9	1.83
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	9	1.83
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	10	1.83
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	10	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	14	1.83
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	14	1.83
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	14	1.83
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	14	1.83
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	14	1.83
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	14	1.83
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	10	1.83
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	10	1.83
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	10	1.83
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	10	1.83
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	10	1.83
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	10	1.83
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	10	1.83
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	10	1.83
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	10	1.83
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	18	1.83
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	18	1.83
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	18	1.83
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	18	1.83
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	18	1.83
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	18	1.83
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	18	1.83
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	18	1.83
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	18	1.83
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	14	1.83
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	14	1.83
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	14	1.83
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	15	1.83
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	15	1.83
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	15	1.83
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	15	1.83
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	15	1.83
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	15	1.83
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	13	1.83
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	13	1.83
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	13	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	2	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	2	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	2	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	3	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	3	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	3	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	4	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	4	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	4	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	5	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	5	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	5	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	9	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	9	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	9	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	12	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	12	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	12	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	14	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	14	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	14	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	20	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	20	1.83
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	20	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	1	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	1	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	1	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	3	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	3	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	3	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	7	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	7	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	7	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	9	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	9	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	9	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	10	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	10	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	10	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	17	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	17	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	17	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	18	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	18	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	18	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	19	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	19	1.83
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	19	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	1	1.83
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	1	1.83
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	1	1.83
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	6	1.83
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	6	1.83
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	6	1.83
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	7	1.83
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	7	1.83
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	7	1.83
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	7	1.83
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	7	1.83
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	7	1.83
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	3	1.83
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	3	1.83
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	3	1.83
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	3	1.83
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	3	1.83
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	3	1.83
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	20	1.83
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	20	1.83
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	20	1.83
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	2	1.83
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	2	1.83
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	3	1.83
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	3	1.83
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	15	1.83
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	15	1.83
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	15	1.83
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	15	1.83
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	15	1.83
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	15	1.83
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	15	1.83
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	15	1.83
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	15	1.83
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	19	1.83
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	19	1.83
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	19	1.83
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	19	1.83
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	19	1.83
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	19	1.83
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	19	1.83
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	19	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	19	1.83
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	3	1.83
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	3	1.83
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	3	1.83
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	18	1.83
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	18	1.83
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	18	1.83
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	16	1.83
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	16	1.83
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	16	1.83
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	1	1.83
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	1	1.83
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	1	1.83
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	14	1.83
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	14	1.83
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	14	1.83
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	14	1.83
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	14	1.83
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	14	1.83
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	14	1.83
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	14	1.83
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	14	1.83
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	7	1.83
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	7	1.83
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	7	1.83
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	7	1.83
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	7	1.83
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	7	1.83
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	7	1.83
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	7	1.83
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	7	1.83
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	3	1.83
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	17	1.83
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	5	1.83
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	5	1.83
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	5	1.83
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	12	1.83
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	12	1.83
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	12	1.83
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	18	1.83
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	18	1.83
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	18	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	6	1.83
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	6	1.83
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	6	1.83
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD21	5	1.83
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD22	5	1.83
(1,273)	1:874:A:LEU:HA	1:920:A:LEU:HD23	5	1.83
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE1	16	1.83
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE2	16	1.83
(1,258)	1:836:A:ASP:HA	1:839:A:MET:HE3	16	1.83
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	6	1.83
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	17	1.83
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	6	1.83
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	10	1.83
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	10	1.83
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	10	1.83
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	4	1.83
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	4	1.83
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	4	1.83
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	8	1.83
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	8	1.83
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	8	1.83
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	11	1.83
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	11	1.83
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	13	1.83
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	13	1.83
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD11	10	1.83
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD12	10	1.83
(1,94)	1:813:A:ILE:HG21	1:828:A:LEU:HD13	10	1.83
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD11	10	1.83
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD12	10	1.83
(1,94)	1:813:A:ILE:HG22	1:828:A:LEU:HD13	10	1.83
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD11	10	1.83
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD12	10	1.83
(1,94)	1:813:A:ILE:HG23	1:828:A:LEU:HD13	10	1.83
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	14	1.83
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	14	1.83
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	14	1.83
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	16	1.83
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	16	1.83
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	16	1.83
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	16	1.83
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	16	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	16	1.83
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	16	1.83
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	16	1.83
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	16	1.83
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	14	1.83
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	14	1.83
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	14	1.83
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	14	1.83
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	14	1.83
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	14	1.83
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	4	1.83
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	4	1.83
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	4	1.83
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	7	1.83
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	7	1.83
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	7	1.83
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	4	1.83
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	4	1.83
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	4	1.83
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	5	1.83
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	5	1.83
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	5	1.83
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	7	1.83
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	7	1.83
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	7	1.83
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	8	1.83
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	8	1.83
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	8	1.83
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	20	1.83
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	20	1.83
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	20	1.83
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	5	1.82
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	5	1.82
(1,3368)	1:914:A:LEU:HB2	1:916:A:ASP:H	19	1.82
(1,3368)	1:914:A:LEU:HB3	1:916:A:ASP:H	19	1.82
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	1	1.82
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	1	1.82
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	1	1.82
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	1	1.82
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG21	12	1.82
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG22	12	1.82
(1,3351)	1:905:A:SER:HB2	1:917:A:ILE:HG23	12	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG21	12	1.82
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG22	12	1.82
(1,3351)	1:905:A:SER:HB3	1:917:A:ILE:HG23	12	1.82
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	14	1.82
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	14	1.82
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	3	1.82
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	3	1.82
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	17	1.82
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	17	1.82
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	17	1.82
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	17	1.82
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	17	1.82
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	17	1.82
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	5	1.82
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	5	1.82
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	5	1.82
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	5	1.82
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	5	1.82
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	5	1.82
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	8	1.82
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	8	1.82
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	17	1.82
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	17	1.82
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	4	1.82
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	4	1.82
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	4	1.82
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	4	1.82
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	4	1.82
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	4	1.82
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	2	1.82
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	2	1.82
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	1	1.82
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	1	1.82
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	1	1.82
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	1	1.82
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	19	1.82
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	19	1.82
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	1	1.82
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	1	1.82
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	16	1.82
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	16	1.82
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	16	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	16	1.82
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	7	1.82
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	7	1.82
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	19	1.82
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	19	1.82
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	20	1.82
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	20	1.82
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	1	1.82
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	1	1.82
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	1	1.82
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	1	1.82
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	1	1.82
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	1	1.82
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	14	1.82
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	14	1.82
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	9	1.82
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	10	1.82
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	16	1.82
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	10	1.82
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	9	1.82
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	5	1.82
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	17	1.82
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	1	1.82
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	1	1.82
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	1	1.82
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	4	1.82
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	4	1.82
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	4	1.82
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	7	1.82
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	7	1.82
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	7	1.82
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	13	1.82
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	13	1.82
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	13	1.82
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD11	16	1.82
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD12	16	1.82
(1,2841)	1:869:A:VAL:HG21	1:904:A:LEU:HD13	16	1.82
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD11	16	1.82
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD12	16	1.82
(1,2841)	1:869:A:VAL:HG22	1:904:A:LEU:HD13	16	1.82
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD11	16	1.82
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD12	16	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2841)	1:869:A:VAL:HG23	1:904:A:LEU:HD13	16	1.82
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD21	19	1.82
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD22	19	1.82
(1,2833)	1:828:A:LEU:HD23	1:829:A:LEU:HD23	19	1.82
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD21	19	1.82
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD22	19	1.82
(1,2833)	1:828:A:LEU:HD21	1:829:A:LEU:HD23	19	1.82
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD21	19	1.82
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD22	19	1.82
(1,2833)	1:828:A:LEU:HD22	1:829:A:LEU:HD23	19	1.82
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	4	1.82
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	4	1.82
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	4	1.82
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	18	1.82
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	18	1.82
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	18	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	2	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	2	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	2	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	10	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	10	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	10	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	14	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	14	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	14	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	15	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	15	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	15	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	19	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	19	1.82
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	19	1.82
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	1	1.82
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	1	1.82
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	1	1.82
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	11	1.82
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	11	1.82
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	11	1.82
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	1	1.82
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	1	1.82
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	1	1.82
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	7	1.82
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	9	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	9	1.82
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	14	1.82
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	14	1.82
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	7	1.82
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	7	1.82
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	7	1.82
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD1	6	1.82
(1,2666)	1:882:A:PHE:HE2	1:924:A:TYR:HD2	6	1.82
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD1	6	1.82
(1,2666)	1:882:A:PHE:HE1	1:924:A:TYR:HD2	6	1.82
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	20	1.82
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	20	1.82
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	20	1.82
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	20	1.82
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	20	1.82
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	20	1.82
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	9	1.82
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	9	1.82
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	9	1.82
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	18	1.82
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	18	1.82
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	18	1.82
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	1	1.82
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	1	1.82
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	14	1.82
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	14	1.82
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	10	1.82
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	10	1.82
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	13	1.82
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	12	1.82
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	12	1.82
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	6	1.82
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	6	1.82
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	14	1.82
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	14	1.82
(1,2441)	1:811:A:GLN:HA	1:811:A:GLN:HE21	2	1.82
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	2	1.82
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	2	1.82
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	2	1.82
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	2	1.82
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	2	1.82
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	2	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	2	1.82
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	16	1.82
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	16	1.82
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	16	1.82
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	16	1.82
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	16	1.82
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	16	1.82
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	19	1.82
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	19	1.82
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD23	9	1.82
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD21	9	1.82
(1,2376)	1:809:A:PHE:HD2	1:828:A:LEU:HD22	9	1.82
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD23	9	1.82
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD21	9	1.82
(1,2376)	1:809:A:PHE:HD1	1:828:A:LEU:HD22	9	1.82
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	9	1.82
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	9	1.82
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	9	1.82
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	9	1.82
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	9	1.82
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	9	1.82
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	8	1.82
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	8	1.82
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	8	1.82
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	3	1.82
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	3	1.82
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	3	1.82
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	8	1.82
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	8	1.82
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	8	1.82
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	3	1.82
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	3	1.82
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	3	1.82
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	3	1.82
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	3	1.82
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	3	1.82
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	13	1.82
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	13	1.82
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	13	1.82
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	13	1.82
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	13	1.82
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	13	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	5	1.82
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	5	1.82
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	5	1.82
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	5	1.82
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	5	1.82
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	5	1.82
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	5	1.82
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	5	1.82
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	5	1.82
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	5	1.82
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	19	1.82
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	19	1.82
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	17	1.82
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	17	1.82
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	17	1.82
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	17	1.82
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	12	1.82
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	12	1.82
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	12	1.82
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	12	1.82
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	12	1.82
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	12	1.82
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	15	1.82
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	15	1.82
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	15	1.82
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	15	1.82
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	15	1.82
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	15	1.82
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	17	1.82
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	17	1.82
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	17	1.82
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	11	1.82
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	11	1.82
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	11	1.82
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	11	1.82
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	11	1.82
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	11	1.82
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	14	1.82
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	14	1.82
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	12	1.82
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	20	1.82
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	15	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	15	1.82
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	15	1.82
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	7	1.82
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	7	1.82
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	17	1.82
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	19	1.82
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	19	1.82
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	11	1.82
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	11	1.82
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	1	1.82
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	1	1.82
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	11	1.82
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	11	1.82
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	11	1.82
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	19	1.82
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	19	1.82
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	19	1.82
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	6	1.82
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	6	1.82
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	7	1.82
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	7	1.82
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	16	1.82
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	16	1.82
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	14	1.82
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	14	1.82
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	13	1.82
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	13	1.82
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	13	1.82
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	20	1.82
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	20	1.82
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	20	1.82
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	16	1.82
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	15	1.82
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	16	1.82
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	16	1.82
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	16	1.82
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	16	1.82
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	20	1.82
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	20	1.82
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	20	1.82
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	3	1.82
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	3	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	3	1.82
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	13	1.82
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	13	1.82
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	13	1.82
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	2	1.82
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	2	1.82
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	2	1.82
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	16	1.82
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	16	1.82
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	12	1.82
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	12	1.82
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	12	1.82
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	16	1.82
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	16	1.82
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	9	1.82
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	3	1.82
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	3	1.82
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	7	1.82
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	7	1.82
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	20	1.82
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	20	1.82
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	2	1.82
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	12	1.82
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	9	1.82
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	9	1.82
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	9	1.82
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	20	1.82
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	20	1.82
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	20	1.82
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	9	1.82
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	9	1.82
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	9	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	3	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	3	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	3	1.82
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	3	1.82
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	3	1.82
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	3	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	10	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	10	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	10	1.82
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	10	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	10	1.82
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	10	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	19	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	19	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	19	1.82
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	19	1.82
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	19	1.82
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	19	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	20	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	20	1.82
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	20	1.82
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	20	1.82
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	20	1.82
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	20	1.82
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	15	1.82
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	15	1.82
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	15	1.82
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	13	1.82
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	19	1.82
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	18	1.82
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	1	1.82
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	1	1.82
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	1	1.82
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	1	1.82
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	1	1.82
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	1	1.82
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	12	1.82
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	12	1.82
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	12	1.82
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	12	1.82
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	12	1.82
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	12	1.82
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	4	1.82
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	4	1.82
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	4	1.82
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	2	1.82
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	2	1.82
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	2	1.82
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	9	1.82
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	9	1.82
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	9	1.82
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	18	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	18	1.82
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	5	1.82
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	5	1.82
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	11	1.82
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	11	1.82
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	13	1.82
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	13	1.82
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	18	1.82
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	18	1.82
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	18	1.82
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	13	1.82
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	13	1.82
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	13	1.82
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	13	1.82
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	13	1.82
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	13	1.82
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	14	1.82
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	14	1.82
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	14	1.82
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	14	1.82
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	14	1.82
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	14	1.82
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	18	1.82
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	18	1.82
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	18	1.82
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	18	1.82
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	18	1.82
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	18	1.82
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	2	1.82
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	2	1.82
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	20	1.82
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	20	1.82
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	17	1.82
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	17	1.82
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	17	1.82
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	17	1.82
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	17	1.82
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	17	1.82
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	17	1.82
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	17	1.82
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	17	1.82
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	20	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	20	1.82
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	20	1.82
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	20	1.82
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	20	1.82
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	20	1.82
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	20	1.82
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	20	1.82
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	20	1.82
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	9	1.82
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	9	1.82
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	9	1.82
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	18	1.82
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	18	1.82
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	18	1.82
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	16	1.82
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	16	1.82
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	19	1.82
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	19	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	8	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	8	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	8	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	10	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	10	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	10	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	13	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	13	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	13	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	19	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	19	1.82
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	19	1.82
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	18	1.82
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	18	1.82
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	18	1.82
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	18	1.82
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	18	1.82
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	18	1.82
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	16	1.82
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	16	1.82
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	16	1.82
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	15	1.82
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	15	1.82
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	15	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	15	1.82
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	15	1.82
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	15	1.82
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	20	1.82
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	20	1.82
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	20	1.82
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	2	1.82
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	2	1.82
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	2	1.82
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	2	1.82
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	2	1.82
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	2	1.82
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	2	1.82
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	2	1.82
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	2	1.82
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	8	1.82
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	8	1.82
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	8	1.82
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	8	1.82
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	8	1.82
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	8	1.82
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	8	1.82
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	8	1.82
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	8	1.82
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	17	1.82
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	17	1.82
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	17	1.82
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	17	1.82
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	17	1.82
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	17	1.82
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	17	1.82
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	17	1.82
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	17	1.82
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	9	1.82
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	9	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	1	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	1	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	1	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	5	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	5	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	5	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	8	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	8	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	8	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	14	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	14	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	14	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	15	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	15	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	15	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	16	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	16	1.82
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	16	1.82
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	2	1.82
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	2	1.82
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	2	1.82
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	7	1.82
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	7	1.82
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	12	1.82
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	12	1.82
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	12	1.82
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	17	1.82
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	17	1.82
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	17	1.82
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	13	1.82
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	13	1.82
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	13	1.82
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG21	11	1.82
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG22	11	1.82
(1,416)	1:866:A:PRO:HA	1:869:A:VAL:HG23	11	1.82
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	5	1.82
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	5	1.82
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	12	1.82
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	16	1.82
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	18	1.82
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	12	1.82
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	12	1.82
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	12	1.82
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	17	1.82
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	17	1.82
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	17	1.82
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	19	1.82
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	19	1.82
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	19	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	3	1.82
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	3	1.82
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	3	1.82
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	20	1.82
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	20	1.82
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	20	1.82
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	11	1.82
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	11	1.82
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	11	1.82
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	11	1.82
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	11	1.82
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	11	1.82
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	8	1.82
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	8	1.82
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	8	1.82
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	8	1.82
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	8	1.82
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	8	1.82
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	12	1.82
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	12	1.82
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	12	1.82
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	12	1.82
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	12	1.82
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	12	1.82
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	15	1.82
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	15	1.82
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	15	1.82
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	15	1.82
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	15	1.82
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	15	1.82
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	6	1.82
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	6	1.82
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	6	1.82
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	6	1.82
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	6	1.82
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	6	1.82
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	16	1.82
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	16	1.82
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	16	1.82
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	16	1.82
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	12	1.82
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD2	20	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,229)	1:833:A:ALA:HA	1:834:A:PRO:HD3	20	1.82
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	1	1.82
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	1	1.82
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	1	1.82
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	2	1.82
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	2	1.82
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	5	1.82
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	5	1.82
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	5	1.82
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	5	1.82
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	5	1.82
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	5	1.82
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	5	1.82
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	5	1.82
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	5	1.82
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	10	1.82
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	10	1.82
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	10	1.82
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	10	1.82
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	10	1.82
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	10	1.82
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	10	1.82
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	10	1.82
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	10	1.82
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	2	1.82
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	2	1.82
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	2	1.82
(1,151)	1:825:A:CYS:HA	1:828:A:LEU:HB2	10	1.82
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	7	1.82
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	7	1.82
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	7	1.82
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	2	1.82
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	2	1.82
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	2	1.82
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	10	1.82
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	10	1.82
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	8	1.82
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	8	1.82
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	2	1.82
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	2	1.82
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	2	1.82
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	8	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	8	1.82
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	8	1.82
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	13	1.82
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	13	1.82
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	13	1.82
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	16	1.82
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	16	1.82
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	16	1.82
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	19	1.82
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	19	1.82
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	19	1.82
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	19	1.82
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	19	1.82
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	19	1.82
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	13	1.82
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	13	1.82
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	13	1.82
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	15	1.82
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	15	1.82
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	15	1.82
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	19	1.82
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	19	1.82
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	19	1.82
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	9	1.81
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	9	1.81
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	11	1.81
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	11	1.81
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	11	1.81
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	11	1.81
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	1	1.81
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	1	1.81
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	5	1.81
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	5	1.81
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	5	1.81
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	5	1.81
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	5	1.81
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	5	1.81
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	13	1.81
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	13	1.81
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	13	1.81
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	13	1.81
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	13	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	13	1.81
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	6	1.81
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	6	1.81
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	6	1.81
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	6	1.81
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	6	1.81
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	6	1.81
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	5	1.81
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	5	1.81
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	16	1.81
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	16	1.81
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	2	1.81
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	2	1.81
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	13	1.81
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	13	1.81
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	13	1.81
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	13	1.81
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	16	1.81
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	16	1.81
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	16	1.81
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	16	1.81
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	10	1.81
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	10	1.81
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	11	1.81
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	11	1.81
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	11	1.81
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	11	1.81
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	11	1.81
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	11	1.81
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	1	1.81
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	1	1.81
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	1	1.81
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	1	1.81
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	16	1.81
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	16	1.81
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	20	1.81
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	4	1.81
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	3	1.81
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	3	1.81
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	3	1.81
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	7	1.81
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	7	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	7	1.81
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	16	1.81
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	16	1.81
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	16	1.81
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	16	1.81
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	16	1.81
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	16	1.81
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	11	1.81
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	11	1.81
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	11	1.81
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	6	1.81
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	6	1.81
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	6	1.81
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	16	1.81
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	16	1.81
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	16	1.81
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	1	1.81
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	1	1.81
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	1	1.81
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	1	1.81
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	1	1.81
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	1	1.81
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	1	1.81
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	1	1.81
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	1	1.81
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	18	1.81
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	18	1.81
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	18	1.81
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	18	1.81
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	18	1.81
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	18	1.81
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	18	1.81
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	18	1.81
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	18	1.81
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	7	1.81
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	7	1.81
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	7	1.81
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	19	1.81
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	19	1.81
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	19	1.81
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	20	1.81
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	20	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	20	1.81
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	3	1.81
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	3	1.81
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	3	1.81
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	13	1.81
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	13	1.81
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	13	1.81
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	18	1.81
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	18	1.81
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	18	1.81
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	17	1.81
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	17	1.81
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	17	1.81
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	11	1.81
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	11	1.81
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	11	1.81
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	2	1.81
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	2	1.81
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	2	1.81
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	19	1.81
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	19	1.81
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	19	1.81
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	7	1.81
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	7	1.81
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	7	1.81
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	7	1.81
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD2	9	1.81
(1,2652)	1:898:A:GLU:H	1:901:A:PHE:HD1	9	1.81
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	12	1.81
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	12	1.81
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	12	1.81
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	12	1.81
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	18	1.81
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	18	1.81
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	12	1.81
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	12	1.81
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	12	1.81
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	12	1.81
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	9	1.81
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	6	1.81
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	6	1.81
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	4	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	7	1.81
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	17	1.81
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	17	1.81
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	17	1.81
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	17	1.81
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	5	1.81
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	5	1.81
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	4	1.81
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	4	1.81
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	14	1.81
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	14	1.81
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	2	1.81
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	2	1.81
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	8	1.81
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	8	1.81
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	8	1.81
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	8	1.81
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	8	1.81
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	8	1.81
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	8	1.81
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	8	1.81
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	17	1.81
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	17	1.81
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	17	1.81
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	17	1.81
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	17	1.81
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	17	1.81
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD11	3	1.81
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD12	3	1.81
(1,2360)	1:901:A:PHE:HZ	1:920:A:LEU:HD13	3	1.81
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	1	1.81
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	1	1.81
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	1	1.81
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	1	1.81
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	1	1.81
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	1	1.81
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	4	1.81
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	4	1.81
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	4	1.81
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	4	1.81
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	20	1.81
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	20	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	20	1.81
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	20	1.81
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	20	1.81
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	20	1.81
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	2	1.81
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	2	1.81
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	1	1.81
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	1	1.81
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	1	1.81
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	1	1.81
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	1	1.81
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	1	1.81
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD11	20	1.81
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD12	20	1.81
(1,2291)	1:870:A:TYR:HD1	1:917:A:ILE:HD13	20	1.81
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD11	20	1.81
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD12	20	1.81
(1,2291)	1:870:A:TYR:HD2	1:917:A:ILE:HD13	20	1.81
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	1	1.81
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	1	1.81
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	8	1.81
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	8	1.81
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	1	1.81
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	1	1.81
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	3	1.81
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	3	1.81
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	6	1.81
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	6	1.81
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	2	1.81
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	2	1.81
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	15	1.81
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	15	1.81
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	6	1.81
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	6	1.81
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	6	1.81
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	4	1.81
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	4	1.81
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	4	1.81
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	4	1.81
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	4	1.81
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	4	1.81
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	17	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	17	1.81
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	3	1.81
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	15	1.81
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	1	1.81
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	4	1.81
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	4	1.81
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	4	1.81
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	13	1.81
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	13	1.81
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	13	1.81
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	19	1.81
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	19	1.81
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	18	1.81
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	18	1.81
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	1	1.81
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	1	1.81
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	13	1.81
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	13	1.81
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	14	1.81
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	3	1.81
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	12	1.81
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	12	1.81
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	12	1.81
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	2	1.81
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	2	1.81
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	2	1.81
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	18	1.81
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	18	1.81
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	18	1.81
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	12	1.81
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	12	1.81
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	13	1.81
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	13	1.81
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	1	1.81
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	1	1.81
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	1	1.81
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	9	1.81
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	9	1.81
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	9	1.81
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	20	1.81
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	20	1.81
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	10	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1479)	1:859:A:ASN:H	1:862:A:ILE:H	20	1.81
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	3	1.81
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	3	1.81
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	3	1.81
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	10	1.81
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	10	1.81
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	10	1.81
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	11	1.81
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	20	1.81
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	7	1.81
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	12	1.81
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	4	1.81
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	4	1.81
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	4	1.81
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	7	1.81
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	7	1.81
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	7	1.81
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	17	1.81
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	17	1.81
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	6	1.81
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	6	1.81
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	6	1.81
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	8	1.81
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	8	1.81
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	8	1.81
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	4	1.81
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	4	1.81
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	4	1.81
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	17	1.81
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	17	1.81
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	5	1.81
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	5	1.81
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	5	1.81
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	3	1.81
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	8	1.81
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	19	1.81
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	19	1.81
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	1	1.81
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	1	1.81
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	1	1.81
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	1	1.81
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	1	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	1	1.81
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	9	1.81
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	9	1.81
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	11	1.81
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	11	1.81
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	8	1.81
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	8	1.81
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	8	1.81
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	18	1.81
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	18	1.81
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	18	1.81
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	4	1.81
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	4	1.81
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	4	1.81
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	17	1.81
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	17	1.81
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	17	1.81
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	17	1.81
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	17	1.81
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	17	1.81
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	5	1.81
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	5	1.81
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	5	1.81
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	5	1.81
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	5	1.81
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	5	1.81
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	12	1.81
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	12	1.81
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	12	1.81
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	12	1.81
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	12	1.81
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	12	1.81
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	1	1.81
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	1	1.81
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	1	1.81
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	1	1.81
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	1	1.81
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	1	1.81
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	13	1.81
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	13	1.81
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	13	1.81
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	13	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	16	1.81
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	16	1.81
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	16	1.81
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	16	1.81
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	16	1.81
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	16	1.81
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	17	1.81
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	17	1.81
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	17	1.81
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	17	1.81
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	17	1.81
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	17	1.81
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	17	1.81
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	17	1.81
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	17	1.81
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	17	1.81
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	17	1.81
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	17	1.81
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	2	1.81
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	2	1.81
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	2	1.81
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	11	1.81
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	11	1.81
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	11	1.81
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	13	1.81
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	13	1.81
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	13	1.81
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	15	1.81
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	5	1.81
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	5	1.81
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	5	1.81
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	11	1.81
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	11	1.81
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	11	1.81
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	17	1.81
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	17	1.81
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	17	1.81
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	6	1.81
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	6	1.81
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	6	1.81
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	6	1.81
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	6	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	6	1.81
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	12	1.81
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	12	1.81
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	12	1.81
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	12	1.81
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	12	1.81
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	12	1.81
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	16	1.81
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	16	1.81
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	16	1.81
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	16	1.81
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	16	1.81
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	16	1.81
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	7	1.81
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	7	1.81
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	5	1.81
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	5	1.81
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	5	1.81
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	5	1.81
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	5	1.81
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	5	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	1	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	1	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	1	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	3	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	3	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	3	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	7	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	7	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	7	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	8	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	8	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	8	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	12	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	12	1.81
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	12	1.81
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	17	1.81
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	17	1.81
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	17	1.81
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	7	1.81
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	7	1.81
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	5	1.81
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	5	1.81
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	19	1.81
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	19	1.81
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	2	1.81
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	2	1.81
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	2	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	6	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	6	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	6	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	7	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	7	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	7	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	11	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	11	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	11	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	17	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	17	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	17	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	18	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	18	1.81
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	18	1.81
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	9	1.81
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	9	1.81
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	9	1.81
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	12	1.81
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	12	1.81
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	12	1.81
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	14	1.81
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	14	1.81
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	14	1.81
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	6	1.81
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	6	1.81
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	6	1.81
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	7	1.81
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	7	1.81
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	7	1.81
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	5	1.81
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	5	1.81
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	5	1.81
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	5	1.81
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	5	1.81
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	5	1.81
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	5	1.81
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	5	1.81
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	14	1.81
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	14	1.81
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	14	1.81
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	14	1.81
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	14	1.81
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	14	1.81
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	14	1.81
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	14	1.81
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	14	1.81
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	18	1.81
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	18	1.81
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	18	1.81
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	18	1.81
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	18	1.81
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	18	1.81
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	18	1.81
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	18	1.81
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	18	1.81
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	2	1.81
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	2	1.81
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	2	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	2	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	2	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	2	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	7	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	7	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	7	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	9	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	9	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	9	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	11	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	11	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	11	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	18	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	18	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	18	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	20	1.81
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	20	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	20	1.81
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	8	1.81
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	11	1.81
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	11	1.81
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	11	1.81
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	8	1.81
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	8	1.81
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	8	1.81
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	5	1.81
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	5	1.81
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	5	1.81
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	9	1.81
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	9	1.81
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	9	1.81
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	8	1.81
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	8	1.81
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	13	1.81
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	13	1.81
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	16	1.81
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	16	1.81
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	16	1.81
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	6	1.81
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	6	1.81
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	6	1.81
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	16	1.81
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	16	1.81
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	16	1.81
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	15	1.81
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	9	1.81
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	9	1.81
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	9	1.81
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	10	1.81
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	10	1.81
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	10	1.81
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	15	1.81
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	15	1.81
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	14	1.81
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	14	1.81
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	14	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	1	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	1	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	1	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	1	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	1	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	1	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	3	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	3	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	3	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	3	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	3	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	3	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	9	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	9	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	9	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	9	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	9	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	9	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	16	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	16	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	16	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	16	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	16	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	16	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	17	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	17	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	17	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	17	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	17	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	17	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	18	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	18	1.81
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	18	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	18	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	18	1.81
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	18	1.81
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	15	1.81
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	15	1.81
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	15	1.81
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	15	1.81
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	11	1.81
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	3	1.81
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	3	1.81
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	3	1.81
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	12	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	12	1.81
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	12	1.81
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD21	14	1.81
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD22	14	1.81
(1,192)	1:829:A:LEU:HD11	1:837:A:LEU:HD23	14	1.81
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD21	14	1.81
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD22	14	1.81
(1,192)	1:829:A:LEU:HD12	1:837:A:LEU:HD23	14	1.81
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD21	14	1.81
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD22	14	1.81
(1,192)	1:829:A:LEU:HD13	1:837:A:LEU:HD23	14	1.81
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	1	1.81
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	1	1.81
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	1	1.81
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	4	1.81
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	4	1.81
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	4	1.81
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	6	1.81
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	6	1.81
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	6	1.81
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	14	1.81
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	14	1.81
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	5	1.81
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	5	1.81
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	5	1.81
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	17	1.81
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	17	1.81
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	17	1.81
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	5	1.81
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	5	1.81
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	5	1.81
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD13	11	1.81
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD11	11	1.81
(1,27)	1:800:A:ILE:HB	1:800:A:ILE:HD12	11	1.81
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	10	1.8
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	10	1.8
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	7	1.8
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	7	1.8
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	7	1.8
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	7	1.8
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	8	1.8
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	8	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	8	1.8
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	8	1.8
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD2	4	1.8
(1,3302)	1:881:A:ARG:HA	1:881:A:ARG:HD3	4	1.8
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	8	1.8
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	8	1.8
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	8	1.8
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	8	1.8
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	8	1.8
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	8	1.8
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	15	1.8
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	15	1.8
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	8	1.8
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	8	1.8
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	8	1.8
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	8	1.8
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	8	1.8
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	8	1.8
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	9	1.8
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	9	1.8
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	10	1.8
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	10	1.8
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	16	1.8
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	16	1.8
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	18	1.8
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	18	1.8
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	19	1.8
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	19	1.8
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	11	1.8
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	11	1.8
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	7	1.8
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	7	1.8
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	9	1.8
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	9	1.8
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	11	1.8
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	11	1.8
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	6	1.8
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	6	1.8
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	6	1.8
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	6	1.8
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	16	1.8
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	16	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	17	1.8
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	17	1.8
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	17	1.8
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	17	1.8
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	10	1.8
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	10	1.8
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	18	1.8
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	18	1.8
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	5	1.8
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	5	1.8
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	5	1.8
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	5	1.8
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	13	1.8
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	13	1.8
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	15	1.8
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	15	1.8
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	16	1.8
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	16	1.8
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	2	1.8
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	2	1.8
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	16	1.8
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	16	1.8
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	16	1.8
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	16	1.8
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	18	1.8
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	18	1.8
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	10	1.8
(1,2957)	1:870:A:TYR:HB3	1:871:A:GLN:H	5	1.8
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	14	1.8
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	14	1.8
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	14	1.8
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	20	1.8
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	20	1.8
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	20	1.8
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	1	1.8
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	1	1.8
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	1	1.8
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	4	1.8
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	4	1.8
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	4	1.8
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	10	1.8
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	10	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	10	1.8
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	10	1.8
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	10	1.8
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	10	1.8
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	10	1.8
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	10	1.8
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	10	1.8
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	9	1.8
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	9	1.8
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	9	1.8
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	11	1.8
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	11	1.8
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	11	1.8
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	15	1.8
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	15	1.8
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	15	1.8
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	1	1.8
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	1	1.8
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	1	1.8
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	11	1.8
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	11	1.8
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	11	1.8
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	16	1.8
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	16	1.8
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	16	1.8
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	6	1.8
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	6	1.8
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	2	1.8
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	2	1.8
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	2	1.8
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	11	1.8
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	11	1.8
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	11	1.8
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	1	1.8
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	1	1.8
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	1	1.8
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD21	17	1.8
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD22	17	1.8
(1,2772)	1:852:A:LEU:HA	1:852:A:LEU:HD23	17	1.8
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	7	1.8
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	12	1.8
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	12	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	12	1.8
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	12	1.8
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	17	1.8
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	19	1.8
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	19	1.8
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	19	1.8
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	20	1.8
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	20	1.8
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	20	1.8
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	20	1.8
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	7	1.8
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	4	1.8
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	4	1.8
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	4	1.8
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	4	1.8
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	4	1.8
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	4	1.8
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	5	1.8
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	5	1.8
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	8	1.8
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	8	1.8
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	8	1.8
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	6	1.8
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	6	1.8
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	9	1.8
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	18	1.8
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	16	1.8
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	16	1.8
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	5	1.8
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	4	1.8
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	4	1.8
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	4	1.8
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	16	1.8
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	16	1.8
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	16	1.8
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	16	1.8
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	12	1.8
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	12	1.8
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	3	1.8
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	3	1.8
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	4	1.8
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	4	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	20	1.8
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	20	1.8
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	1	1.8
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	1	1.8
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	10	1.8
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	20	1.8
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	20	1.8
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	20	1.8
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	20	1.8
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	20	1.8
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	20	1.8
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	18	1.8
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	18	1.8
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	18	1.8
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	9	1.8
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	9	1.8
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	9	1.8
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	9	1.8
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	9	1.8
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	9	1.8
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	6	1.8
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	6	1.8
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	6	1.8
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	15	1.8
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	15	1.8
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	15	1.8
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	15	1.8
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	15	1.8
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	15	1.8
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	4	1.8
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	4	1.8
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	4	1.8
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	3	1.8
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	3	1.8
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	5	1.8
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	5	1.8
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	5	1.8
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	5	1.8
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	5	1.8
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	5	1.8
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	8	1.8
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	8	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	8	1.8
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	8	1.8
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	8	1.8
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	8	1.8
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	7	1.8
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	7	1.8
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	16	1.8
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	16	1.8
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG21	5	1.8
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG22	5	1.8
(1,2329)	1:882:A:PHE:HE2	1:897:A:ILE:HG23	5	1.8
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG21	5	1.8
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG22	5	1.8
(1,2329)	1:882:A:PHE:HE1	1:897:A:ILE:HG23	5	1.8
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	14	1.8
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	14	1.8
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	14	1.8
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	14	1.8
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	14	1.8
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	14	1.8
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	17	1.8
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	17	1.8
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	17	1.8
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	17	1.8
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	17	1.8
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	17	1.8
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	17	1.8
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	17	1.8
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	1	1.8
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	1	1.8
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	1	1.8
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	1	1.8
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	1	1.8
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	1	1.8
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	1	1.8
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	1	1.8
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	4	1.8
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	4	1.8
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	4	1.8
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	4	1.8
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	4	1.8
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	4	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	10	1.8
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	10	1.8
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	10	1.8
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	10	1.8
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD13	5	1.8
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD11	5	1.8
(1,2280)	1:870:A:TYR:HE2	1:874:A:LEU:HD12	5	1.8
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD13	5	1.8
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD11	5	1.8
(1,2280)	1:870:A:TYR:HE1	1:874:A:LEU:HD12	5	1.8
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	11	1.8
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	11	1.8
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	11	1.8
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	11	1.8
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	11	1.8
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	11	1.8
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	15	1.8
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	15	1.8
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	15	1.8
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	3	1.8
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	3	1.8
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	3	1.8
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	18	1.8
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	18	1.8
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	18	1.8
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	18	1.8
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	10	1.8
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	10	1.8
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	19	1.8
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	19	1.8
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	19	1.8
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	17	1.8
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	17	1.8
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	2	1.8
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	12	1.8
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	10	1.8
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	10	1.8
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	10	1.8
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	3	1.8
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	3	1.8
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	9	1.8
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	9	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	9	1.8
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	16	1.8
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	16	1.8
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	16	1.8
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	19	1.8
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	19	1.8
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	19	1.8
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	15	1.8
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	15	1.8
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	7	1.8
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	9	1.8
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	7	1.8
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	7	1.8
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	11	1.8
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	11	1.8
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	8	1.8
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	8	1.8
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	4	1.8
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	4	1.8
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	4	1.8
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	13	1.8
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	13	1.8
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	13	1.8
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	19	1.8
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	19	1.8
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	19	1.8
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	19	1.8
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	19	1.8
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	19	1.8
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	17	1.8
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	17	1.8
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	17	1.8
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	8	1.8
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	19	1.8
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	19	1.8
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	19	1.8
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	13	1.8
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	11	1.8
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	14	1.8
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	19	1.8
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	7	1.8
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	8	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	11	1.8
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	14	1.8
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	20	1.8
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	10	1.8
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	10	1.8
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	10	1.8
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	3	1.8
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	3	1.8
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	11	1.8
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	11	1.8
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	12	1.8
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	12	1.8
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	12	1.8
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	18	1.8
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	9	1.8
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	15	1.8
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	19	1.8
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	13	1.8
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	13	1.8
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	19	1.8
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	19	1.8
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	19	1.8
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	8	1.8
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	8	1.8
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	8	1.8
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	18	1.8
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	18	1.8
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	18	1.8
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	7	1.8
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	7	1.8
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	7	1.8
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	3	1.8
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	3	1.8
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	6	1.8
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	6	1.8
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	15	1.8
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	15	1.8
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	4	1.8
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	9	1.8
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	4	1.8
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	4	1.8
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	4	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	4	1.8
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	4	1.8
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	4	1.8
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	4	1.8
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	4	1.8
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	4	1.8
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	13	1.8
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	13	1.8
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	7	1.8
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	7	1.8
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	7	1.8
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	18	1.8
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	18	1.8
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	18	1.8
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	8	1.8
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	2	1.8
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	2	1.8
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	2	1.8
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	2	1.8
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	2	1.8
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	2	1.8
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	6	1.8
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	6	1.8
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	6	1.8
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	6	1.8
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	6	1.8
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	6	1.8
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	19	1.8
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	19	1.8
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	5	1.8
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	5	1.8
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	5	1.8
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	5	1.8
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	5	1.8
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	5	1.8
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	17	1.8
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	17	1.8
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	17	1.8
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	4	1.8
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	4	1.8
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	4	1.8
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	5	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	5	1.8
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	5	1.8
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	13	1.8
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	13	1.8
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	15	1.8
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	15	1.8
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	15	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	1	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	1	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	1	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	1	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	1	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	1	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	7	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	7	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	7	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	7	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	7	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	7	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	15	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	15	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	15	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	15	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	15	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	15	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	20	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	20	1.8
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	20	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	20	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	20	1.8
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	20	1.8
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	5	1.8
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	5	1.8
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	5	1.8
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	5	1.8
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	5	1.8
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	5	1.8
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	5	1.8
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	5	1.8
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	5	1.8
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	9	1.8
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	9	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	9	1.8
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	9	1.8
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	9	1.8
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	9	1.8
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	9	1.8
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	9	1.8
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	9	1.8
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	10	1.8
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	10	1.8
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	10	1.8
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	17	1.8
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	17	1.8
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	17	1.8
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	6	1.8
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	13	1.8
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	18	1.8
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	18	1.8
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	18	1.8
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	18	1.8
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	13	1.8
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	13	1.8
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	13	1.8
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	18	1.8
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	18	1.8
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	18	1.8
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	19	1.8
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	19	1.8
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	19	1.8
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	7	1.8
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	7	1.8
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	7	1.8
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD21	15	1.8
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD22	15	1.8
(1,588)	1:888:A:LEU:HB3	1:888:A:LEU:HD23	15	1.8
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	8	1.8
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	8	1.8
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	8	1.8
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	8	1.8
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	8	1.8
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	8	1.8
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	1	1.8
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	1	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	1	1.8
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	1	1.8
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	1	1.8
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	1	1.8
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	1	1.8
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	1	1.8
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	1	1.8
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	9	1.8
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	7	1.8
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	7	1.8
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	7	1.8
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	8	1.8
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	8	1.8
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	8	1.8
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	9	1.8
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	9	1.8
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	9	1.8
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	8	1.8
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	8	1.8
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	8	1.8
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	18	1.8
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	18	1.8
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	18	1.8
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	18	1.8
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	18	1.8
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	18	1.8
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	18	1.8
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	18	1.8
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	18	1.8
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	4	1.8
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	4	1.8
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	4	1.8
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	13	1.8
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	13	1.8
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	13	1.8
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	19	1.8
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	19	1.8
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	19	1.8
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	6	1.8
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	17	1.8
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	14	1.8
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	18	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	18	1.8
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	18	1.8
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	2	1.8
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	2	1.8
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	2	1.8
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	2	1.8
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	2	1.8
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	2	1.8
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	2	1.8
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	2	1.8
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	2	1.8
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	6	1.8
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	6	1.8
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	6	1.8
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	6	1.8
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	6	1.8
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	6	1.8
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	6	1.8
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	6	1.8
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	6	1.8
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	7	1.8
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	4	1.8
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	4	1.8
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	4	1.8
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	13	1.8
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	13	1.8
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	13	1.8
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	16	1.8
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	16	1.8
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	16	1.8
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	19	1.8
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	19	1.8
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	19	1.8
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	16	1.8
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	16	1.8
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	16	1.8
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	18	1.8
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	18	1.8
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	18	1.8
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD11	12	1.8
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD12	12	1.8
(1,341)	1:850:A:PHE:HA	1:854:A:ILE:HD13	12	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	17	1.8
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	17	1.8
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	17	1.8
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	13	1.8
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	13	1.8
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	13	1.8
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	4	1.8
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	4	1.8
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	4	1.8
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	13	1.8
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	13	1.8
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	13	1.8
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	18	1.8
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	18	1.8
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	18	1.8
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	19	1.8
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	19	1.8
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	19	1.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	1	1.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	1	1.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	1	1.8
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	16	1.8
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	16	1.8
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	16	1.8
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	6	1.8
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	6	1.8
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	6	1.8
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	6	1.8
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	6	1.8
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	6	1.8
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	5	1.8
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	5	1.8
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	5	1.8
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	5	1.8
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	5	1.8
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	5	1.8
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	1	1.8
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	1	1.8
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	1	1.8
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	1	1.8
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	10	1.8
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	2	1.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	2	1.8
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	2	1.8
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	2	1.8
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	2	1.8
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	2	1.8
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	6	1.8
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	6	1.8
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	6	1.8
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	17	1.8
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	17	1.8
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	17	1.8
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	12	1.8
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	12	1.8
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	3	1.8
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	3	1.8
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	1	1.8
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	1	1.8
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	1	1.8
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	14	1.8
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	14	1.8
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	14	1.8
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	3	1.8
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	3	1.8
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	3	1.8
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	19	1.8
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	19	1.8
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	19	1.8
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	7	1.8
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	7	1.8
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	7	1.8
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	7	1.8
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	7	1.8
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	7	1.8
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	16	1.8
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	16	1.8
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	16	1.8
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	11	1.8
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	11	1.8
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	11	1.8
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	3	1.79
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	3	1.79
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	20	1.79
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	5	1.79
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	5	1.79
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	11	1.79
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	11	1.79
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG2	2	1.79
(1,3243)	1:862:A:ILE:HA	1:866:A:PRO:HG3	2	1.79
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	11	1.79
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	11	1.79
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	8	1.79
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	8	1.79
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	14	1.79
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	14	1.79
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	15	1.79
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	15	1.79
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	1	1.79
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	1	1.79
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	10	1.79
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	10	1.79
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	10	1.79
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	10	1.79
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	15	1.79
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	15	1.79
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	15	1.79
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	15	1.79
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	5	1.79
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	5	1.79
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	5	1.79
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	5	1.79
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	10	1.79
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	10	1.79
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	6	1.79
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	6	1.79
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	2	1.79
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	2	1.79
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	4	1.79
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	4	1.79
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	4	1.79
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	6	1.79
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	6	1.79
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	6	1.79
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	3	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	7	1.79
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	15	1.79
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	6	1.79
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	11	1.79
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	4	1.79
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	4	1.79
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	4	1.79
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	6	1.79
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	7	1.79
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	9	1.79
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	1	1.79
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	11	1.79
(1,2909)	1:854:A:ILE:HA	1:857:A:LEU:HB2	3	1.79
(1,2885)	1:841:A:LEU:HD11	1:876:A:LEU:HA	8	1.79
(1,2885)	1:841:A:LEU:HD12	1:876:A:LEU:HA	8	1.79
(1,2885)	1:841:A:LEU:HD13	1:876:A:LEU:HA	8	1.79
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	2	1.79
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	2	1.79
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	2	1.79
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	19	1.79
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	19	1.79
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	19	1.79
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	19	1.79
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	19	1.79
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	19	1.79
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	19	1.79
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	19	1.79
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	19	1.79
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	19	1.79
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	19	1.79
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	19	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	1	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	1	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	1	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	2	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	2	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	2	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	3	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	3	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	3	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	8	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	8	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	8	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	10	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	10	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	10	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	12	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	12	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	12	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	13	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	13	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	13	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	16	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	16	1.79
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	16	1.79
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	19	1.79
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	19	1.79
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	19	1.79
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	4	1.79
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	4	1.79
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	4	1.79
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	7	1.79
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	7	1.79
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	7	1.79
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	9	1.79
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	9	1.79
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	9	1.79
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	11	1.79
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	11	1.79
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	11	1.79
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD11	15	1.79
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD12	15	1.79
(1,2775)	1:838:A:PRO:HA	1:841:A:LEU:HD13	15	1.79
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	4	1.79
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	4	1.79
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	4	1.79
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	8	1.79
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	8	1.79
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	8	1.79
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	10	1.79
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	10	1.79
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	10	1.79
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB3	10	1.79
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB1	10	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2681)	1:918:A:GLN:H	1:919:A:ALA:HB2	10	1.79
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	15	1.79
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	15	1.79
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	15	1.79
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	15	1.79
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	5	1.79
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	5	1.79
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	5	1.79
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	5	1.79
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	7	1.79
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	7	1.79
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	7	1.79
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	7	1.79
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	7	1.79
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	7	1.79
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	14	1.79
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	14	1.79
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	14	1.79
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	14	1.79
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	14	1.79
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	14	1.79
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	6	1.79
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	6	1.79
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	6	1.79
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	6	1.79
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	6	1.79
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	6	1.79
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	2	1.79
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	2	1.79
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	2	1.79
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	20	1.79
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	20	1.79
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	20	1.79
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	20	1.79
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	20	1.79
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	20	1.79
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	8	1.79
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	8	1.79
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	8	1.79
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	2	1.79
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	2	1.79
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	2	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	8	1.79
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	8	1.79
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	8	1.79
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	5	1.79
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	7	1.79
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	7	1.79
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	3	1.79
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	3	1.79
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	13	1.79
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	13	1.79
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	9	1.79
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	10	1.79
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	10	1.79
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	14	1.79
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	14	1.79
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	16	1.79
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	16	1.79
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	15	1.79
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	15	1.79
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	15	1.79
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	15	1.79
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	16	1.79
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	16	1.79
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	14	1.79
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	9	1.79
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	9	1.79
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	15	1.79
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	5	1.79
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	5	1.79
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	20	1.79
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	20	1.79
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	9	1.79
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	9	1.79
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	9	1.79
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	9	1.79
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	9	1.79
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	9	1.79
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	20	1.79
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	20	1.79
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	20	1.79
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	6	1.79
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	6	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	6	1.79
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	6	1.79
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	6	1.79
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	6	1.79
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	5	1.79
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	5	1.79
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	5	1.79
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	5	1.79
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	5	1.79
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	5	1.79
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	15	1.79
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	15	1.79
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	15	1.79
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	15	1.79
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	15	1.79
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	15	1.79
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	20	1.79
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	20	1.79
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	20	1.79
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	1	1.79
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	1	1.79
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	1	1.79
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	1	1.79
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	1	1.79
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	1	1.79
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	4	1.79
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	4	1.79
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	4	1.79
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	4	1.79
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	4	1.79
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	4	1.79
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD11	14	1.79
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD12	14	1.79
(1,2348)	1:912:A:PHE:HE1	1:917:A:ILE:HD13	14	1.79
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD11	14	1.79
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD12	14	1.79
(1,2348)	1:912:A:PHE:HE2	1:917:A:ILE:HD13	14	1.79
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	18	1.79
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	18	1.79
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	1	1.79
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	1	1.79
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	1	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	1	1.79
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	9	1.79
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	9	1.79
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	9	1.79
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	9	1.79
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	9	1.79
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	9	1.79
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	10	1.79
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	10	1.79
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	10	1.79
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	10	1.79
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	10	1.79
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	10	1.79
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	2	1.79
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	2	1.79
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	2	1.79
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	2	1.79
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	2	1.79
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	2	1.79
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	6	1.79
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	6	1.79
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	4	1.79
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	4	1.79
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	3	1.79
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	3	1.79
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	3	1.79
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	3	1.79
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	11	1.79
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	11	1.79
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	19	1.79
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	19	1.79
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	6	1.79
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	6	1.79
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	6	1.79
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	6	1.79
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	6	1.79
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	6	1.79
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	15	1.79
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	15	1.79
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	15	1.79
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	15	1.79
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	15	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	15	1.79
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	18	1.79
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	18	1.79
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	18	1.79
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	18	1.79
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	18	1.79
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	18	1.79
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	5	1.79
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	5	1.79
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	13	1.79
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	13	1.79
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	13	1.79
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE2	10	1.79
(1,2251)	1:873:A:LEU:HD11	1:901:A:PHE:HE1	10	1.79
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE2	10	1.79
(1,2251)	1:873:A:LEU:HD12	1:901:A:PHE:HE1	10	1.79
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE2	10	1.79
(1,2251)	1:873:A:LEU:HD13	1:901:A:PHE:HE1	10	1.79
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	10	1.79
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	10	1.79
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	12	1.79
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	12	1.79
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	5	1.79
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	18	1.79
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	18	1.79
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	18	1.79
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	4	1.79
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	4	1.79
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	2	1.79
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	2	1.79
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	17	1.79
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	17	1.79
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	17	1.79
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	11	1.79
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	10	1.79
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	10	1.79
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	10	1.79
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	3	1.79
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	3	1.79
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	13	1.79
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	13	1.79
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	14	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	14	1.79
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	13	1.79
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	13	1.79
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	3	1.79
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	3	1.79
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	16	1.79
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	16	1.79
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	17	1.79
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	17	1.79
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	16	1.79
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	16	1.79
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	16	1.79
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	3	1.79
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	3	1.79
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	3	1.79
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	8	1.79
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	8	1.79
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	8	1.79
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	9	1.79
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	9	1.79
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	9	1.79
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	3	1.79
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	3	1.79
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	13	1.79
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	8	1.79
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	8	1.79
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	8	1.79
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	20	1.79
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	20	1.79
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	20	1.79
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	19	1.79
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	6	1.79
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	6	1.79
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	4	1.79
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	4	1.79
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	4	1.79
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	8	1.79
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	9	1.79
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	17	1.79
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	17	1.79
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	17	1.79
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	11	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	11	1.79
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	4	1.79
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	4	1.79
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	4	1.79
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	4	1.79
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	8	1.79
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	8	1.79
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	8	1.79
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	17	1.79
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	17	1.79
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	17	1.79
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	14	1.79
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	3	1.79
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	3	1.79
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	9	1.79
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	9	1.79
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	17	1.79
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	17	1.79
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	7	1.79
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	7	1.79
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	7	1.79
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	18	1.79
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	1	1.79
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	1	1.79
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	13	1.79
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	13	1.79
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	16	1.79
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	16	1.79
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	18	1.79
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	11	1.79
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	20	1.79
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	5	1.79
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	5	1.79
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	5	1.79
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	10	1.79
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	10	1.79
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	10	1.79
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	13	1.79
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	13	1.79
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	13	1.79
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	14	1.79
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	14	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	14	1.79
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	14	1.79
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	14	1.79
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	14	1.79
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	19	1.79
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	19	1.79
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	19	1.79
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	6	1.79
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	6	1.79
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	6	1.79
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	11	1.79
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	11	1.79
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	11	1.79
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	5	1.79
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	5	1.79
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	5	1.79
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	5	1.79
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	5	1.79
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	5	1.79
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	18	1.79
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	18	1.79
(1,819)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	18	1.79
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	18	1.79
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	18	1.79
(1,819)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	18	1.79
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	5	1.79
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	5	1.79
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	5	1.79
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	11	1.79
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	11	1.79
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	11	1.79
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	18	1.79
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	18	1.79
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	10	1.79
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	10	1.79
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	10	1.79
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	11	1.79
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	4	1.79
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	4	1.79
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	4	1.79
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	4	1.79
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	19	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	19	1.79
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	19	1.79
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	19	1.79
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	16	1.79
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	13	1.79
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	13	1.79
(1,779)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	13	1.79
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	13	1.79
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	13	1.79
(1,779)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	13	1.79
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	2	1.79
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	2	1.79
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	2	1.79
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	12	1.79
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	12	1.79
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	5	1.79
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	5	1.79
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	4	1.79
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	4	1.79
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	4	1.79
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	12	1.79
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	12	1.79
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	12	1.79
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	13	1.79
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	13	1.79
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	13	1.79
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	18	1.79
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	18	1.79
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	18	1.79
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	4	1.79
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	4	1.79
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	4	1.79
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	4	1.79
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	4	1.79
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	4	1.79
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	5	1.79
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	5	1.79
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	5	1.79
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	5	1.79
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	5	1.79
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	5	1.79
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	17	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	17	1.79
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	17	1.79
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	17	1.79
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	17	1.79
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	17	1.79
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	12	1.79
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	12	1.79
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	12	1.79
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	12	1.79
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	12	1.79
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	12	1.79
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	12	1.79
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	12	1.79
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	12	1.79
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	3	1.79
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	3	1.79
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	3	1.79
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	3	1.79
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	3	1.79
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	3	1.79
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	3	1.79
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	3	1.79
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	3	1.79
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	14	1.79
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	14	1.79
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	14	1.79
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	14	1.79
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	14	1.79
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	14	1.79
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	14	1.79
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	14	1.79
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	14	1.79
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	15	1.79
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	15	1.79
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	15	1.79
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	15	1.79
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	15	1.79
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	15	1.79
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	15	1.79
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	15	1.79
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	15	1.79
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	14	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	6	1.79
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	6	1.79
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	6	1.79
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	6	1.79
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	6	1.79
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	6	1.79
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	12	1.79
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	12	1.79
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	12	1.79
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	14	1.79
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	14	1.79
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	14	1.79
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	2	1.79
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	2	1.79
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	2	1.79
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	3	1.79
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	3	1.79
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	3	1.79
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	3	1.79
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	3	1.79
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	3	1.79
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	3	1.79
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	3	1.79
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	3	1.79
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	5	1.79
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	5	1.79
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	5	1.79
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	12	1.79
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	12	1.79
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	12	1.79
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	5	1.79
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	5	1.79
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	5	1.79
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	5	1.79
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	5	1.79
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	5	1.79
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	5	1.79
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	5	1.79
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	5	1.79
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	13	1.79
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	13	1.79
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	13	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	13	1.79
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	13	1.79
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	13	1.79
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	13	1.79
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	13	1.79
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	13	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	6	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	6	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	6	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	10	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	10	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	10	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	12	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	12	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	12	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD22	17	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD23	17	1.79
(1,475)	1:873:A:LEU:HA	1:873:A:LEU:HD21	17	1.79
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	13	1.79
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	14	1.79
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	16	1.79
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	2	1.79
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	10	1.79
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	11	1.79
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	10	1.79
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	10	1.79
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	10	1.79
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	7	1.79
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	7	1.79
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	7	1.79
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	7	1.79
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	7	1.79
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	7	1.79
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	7	1.79
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	7	1.79
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	7	1.79
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	15	1.79
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	15	1.79
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	11	1.79
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	11	1.79
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	11	1.79
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	18	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	18	1.79
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	8	1.79
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	8	1.79
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	8	1.79
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	1	1.79
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	1	1.79
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	1	1.79
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	2	1.79
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	2	1.79
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	2	1.79
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD21	16	1.79
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD22	16	1.79
(1,349)	1:854:A:ILE:HD11	1:876:A:LEU:HD23	16	1.79
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD21	16	1.79
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD22	16	1.79
(1,349)	1:854:A:ILE:HD12	1:876:A:LEU:HD23	16	1.79
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD21	16	1.79
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD22	16	1.79
(1,349)	1:854:A:ILE:HD13	1:876:A:LEU:HD23	16	1.79
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	14	1.79
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	14	1.79
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	14	1.79
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	11	1.79
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	11	1.79
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	11	1.79
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	12	1.79
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	12	1.79
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	12	1.79
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	4	1.79
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	4	1.79
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	4	1.79
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	13	1.79
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	13	1.79
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	13	1.79
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	8	1.79
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	8	1.79
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	11	1.79
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	11	1.79
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	11	1.79
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	20	1.79
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	20	1.79
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	11	1.79
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	11	1.79
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	11	1.79
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	11	1.79
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	11	1.79
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	11	1.79
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	4	1.79
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	4	1.79
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	4	1.79
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	4	1.79
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	4	1.79
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	4	1.79
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	14	1.79
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	14	1.79
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	14	1.79
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	14	1.79
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	14	1.79
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	14	1.79
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	19	1.79
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	17	1.79
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	19	1.79
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	19	1.79
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	19	1.79
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	14	1.79
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	14	1.79
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	14	1.79
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	4	1.79
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	4	1.79
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	4	1.79
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	4	1.79
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	4	1.79
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	4	1.79
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	4	1.79
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	4	1.79
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	4	1.79
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	3	1.79
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	3	1.79
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	3	1.79
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	11	1.79
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	11	1.79
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	11	1.79
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	4	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	4	1.79
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	4	1.79
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	9	1.79
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	9	1.79
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	9	1.79
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	9	1.79
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	9	1.79
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	9	1.79
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	16	1.78
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	16	1.78
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	17	1.78
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	17	1.78
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	5	1.78
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	5	1.78
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	5	1.78
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	5	1.78
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	2	1.78
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	2	1.78
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	7	1.78
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	7	1.78
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	7	1.78
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	7	1.78
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	7	1.78
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	7	1.78
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	19	1.78
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	19	1.78
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	19	1.78
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	19	1.78
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	19	1.78
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	19	1.78
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	8	1.78
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	8	1.78
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	3	1.78
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	3	1.78
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	3	1.78
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	3	1.78
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	3	1.78
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	3	1.78
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	7	1.78
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	7	1.78
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	20	1.78
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	20	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	18	1.78
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	18	1.78
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	2	1.78
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	2	1.78
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	20	1.78
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	20	1.78
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	2	1.78
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	2	1.78
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	17	1.78
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	17	1.78
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	1	1.78
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	1	1.78
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	9	1.78
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	9	1.78
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	4	1.78
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	4	1.78
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	4	1.78
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	4	1.78
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	4	1.78
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	4	1.78
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	19	1.78
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	19	1.78
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	5	1.78
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	5	1.78
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	12	1.78
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	12	1.78
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	11	1.78
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	11	1.78
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	8	1.78
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	8	1.78
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	8	1.78
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	10	1.78
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	10	1.78
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	10	1.78
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	10	1.78
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	12	1.78
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	6	1.78
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	6	1.78
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	6	1.78
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	9	1.78
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	9	1.78
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	9	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	10	1.78
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	10	1.78
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	10	1.78
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	12	1.78
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	12	1.78
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	12	1.78
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	4	1.78
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	4	1.78
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	8	1.78
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	8	1.78
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	1	1.78
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	12	1.78
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	16	1.78
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	5	1.78
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	5	1.78
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	5	1.78
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	16	1.78
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	16	1.78
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	16	1.78
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	2	1.78
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	2	1.78
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	2	1.78
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	17	1.78
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	17	1.78
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	17	1.78
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	9	1.78
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	9	1.78
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	9	1.78
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	9	1.78
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	9	1.78
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	9	1.78
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	9	1.78
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	9	1.78
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	9	1.78
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	14	1.78
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	14	1.78
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	14	1.78
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	14	1.78
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	14	1.78
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	14	1.78
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	14	1.78
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	14	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	14	1.78
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	5	1.78
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	5	1.78
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	5	1.78
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	1	1.78
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	1	1.78
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	1	1.78
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	9	1.78
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	9	1.78
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	9	1.78
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	8	1.78
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	8	1.78
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	8	1.78
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	12	1.78
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	12	1.78
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	12	1.78
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	3	1.78
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	3	1.78
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	3	1.78
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	9	1.78
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	9	1.78
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	9	1.78
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	14	1.78
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	14	1.78
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	14	1.78
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	5	1.78
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	8	1.78
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	6	1.78
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	6	1.78
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	6	1.78
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	17	1.78
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	17	1.78
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	17	1.78
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	17	1.78
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	17	1.78
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	17	1.78
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	17	1.78
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	8	1.78
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	8	1.78
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	8	1.78
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	17	1.78
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	17	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	17	1.78
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	15	1.78
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	15	1.78
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	7	1.78
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	7	1.78
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	7	1.78
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	7	1.78
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	13	1.78
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	18	1.78
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	6	1.78
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	6	1.78
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	20	1.78
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	12	1.78
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	12	1.78
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	12	1.78
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	12	1.78
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	12	1.78
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	12	1.78
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	14	1.78
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	14	1.78
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	14	1.78
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	14	1.78
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	14	1.78
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	14	1.78
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	19	1.78
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	19	1.78
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	19	1.78
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	19	1.78
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	19	1.78
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	19	1.78
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	13	1.78
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	13	1.78
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	13	1.78
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	13	1.78
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	13	1.78
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	13	1.78
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	1	1.78
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	1	1.78
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	1	1.78
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	1	1.78
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	1	1.78
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	1	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	3	1.78
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	3	1.78
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	3	1.78
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	3	1.78
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	3	1.78
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	3	1.78
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	12	1.78
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	12	1.78
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	12	1.78
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	12	1.78
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	12	1.78
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	12	1.78
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	11	1.78
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	11	1.78
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	11	1.78
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	5	1.78
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	5	1.78
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	5	1.78
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	5	1.78
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	5	1.78
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	5	1.78
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	17	1.78
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	17	1.78
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	17	1.78
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	10	1.78
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	10	1.78
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	14	1.78
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	14	1.78
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	2	1.78
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	2	1.78
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	2	1.78
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	2	1.78
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	8	1.78
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	8	1.78
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	8	1.78
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	8	1.78
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	8	1.78
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	8	1.78
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	16	1.78
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	16	1.78
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	16	1.78
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	16	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	16	1.78
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	16	1.78
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	7	1.78
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	7	1.78
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	13	1.78
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	13	1.78
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	13	1.78
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	13	1.78
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	18	1.78
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	18	1.78
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	18	1.78
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	18	1.78
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	15	1.78
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	15	1.78
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	15	1.78
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	15	1.78
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	17	1.78
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	17	1.78
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	17	1.78
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	17	1.78
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	17	1.78
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	17	1.78
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	4	1.78
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	4	1.78
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	3	1.78
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	3	1.78
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	20	1.78
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	20	1.78
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	1	1.78
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	1	1.78
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	18	1.78
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	18	1.78
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	12	1.78
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	12	1.78
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	12	1.78
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	12	1.78
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	12	1.78
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	12	1.78
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	13	1.78
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	13	1.78
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	16	1.78
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	16	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	16	1.78
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	19	1.78
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	19	1.78
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	19	1.78
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	16	1.78
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	16	1.78
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	18	1.78
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	18	1.78
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	18	1.78
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	12	1.78
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	19	1.78
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	11	1.78
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	3	1.78
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	3	1.78
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	3	1.78
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	16	1.78
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	16	1.78
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	5	1.78
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	5	1.78
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	5	1.78
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	4	1.78
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	1	1.78
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	1	1.78
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	1	1.78
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	10	1.78
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	10	1.78
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	10	1.78
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	3	1.78
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	3	1.78
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	1	1.78
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	1	1.78
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	1	1.78
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	15	1.78
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	15	1.78
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	15	1.78
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	4	1.78
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	4	1.78
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	16	1.78
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	16	1.78
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	20	1.78
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	20	1.78
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	15	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	15	1.78
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	5	1.78
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	5	1.78
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	5	1.78
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	11	1.78
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	11	1.78
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	11	1.78
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	12	1.78
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	12	1.78
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	12	1.78
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	3	1.78
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	3	1.78
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	15	1.78
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	15	1.78
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	2	1.78
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	2	1.78
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG21	8	1.78
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG22	8	1.78
(1,1536)	1:865:A:ASP:H	1:869:A:VAL:HG23	8	1.78
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	12	1.78
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	1	1.78
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	1	1.78
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	13	1.78
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	13	1.78
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	9	1.78
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	9	1.78
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	9	1.78
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	19	1.78
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	1	1.78
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	17	1.78
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	11	1.78
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	11	1.78
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	11	1.78
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	4	1.78
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	4	1.78
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	6	1.78
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	20	1.78
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	7	1.78
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	7	1.78
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	7	1.78
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	5	1.78
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	5	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	5	1.78
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	7	1.78
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	7	1.78
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	7	1.78
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	16	1.78
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	16	1.78
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	16	1.78
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	13	1.78
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	13	1.78
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	13	1.78
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	7	1.78
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	7	1.78
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	1	1.78
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	1	1.78
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	1	1.78
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	15	1.78
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	15	1.78
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	15	1.78
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	18	1.78
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	18	1.78
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	18	1.78
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	3	1.78
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	3	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	7	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	7	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	7	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	7	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	7	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	7	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	20	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	20	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	20	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	20	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	20	1.78
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	20	1.78
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	11	1.78
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	11	1.78
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	11	1.78
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	12	1.78
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	12	1.78
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	12	1.78
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	15	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	15	1.78
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	15	1.78
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	18	1.78
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	18	1.78
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	18	1.78
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	18	1.78
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	18	1.78
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	18	1.78
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	10	1.78
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	10	1.78
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	10	1.78
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	10	1.78
(1,761)	1:917:A:ILE:HG21	1:918:A:GLN:HG2	17	1.78
(1,761)	1:917:A:ILE:HG22	1:918:A:GLN:HG2	17	1.78
(1,761)	1:917:A:ILE:HG23	1:918:A:GLN:HG2	17	1.78
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	13	1.78
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	13	1.78
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	13	1.78
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	20	1.78
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	20	1.78
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	20	1.78
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD11	20	1.78
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD12	20	1.78
(1,751)	1:904:A:LEU:HB3	1:917:A:ILE:HD13	20	1.78
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	10	1.78
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	10	1.78
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	10	1.78
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	10	1.78
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	10	1.78
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	11	1.78
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	11	1.78
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	11	1.78
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	10	1.78
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	10	1.78
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	10	1.78
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	10	1.78
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	10	1.78
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	10	1.78
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	8	1.78
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	8	1.78
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	2	1.78
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	2	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	2	1.78
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	2	1.78
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	2	1.78
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	2	1.78
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	2	1.78
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	2	1.78
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	2	1.78
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	7	1.78
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	7	1.78
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	7	1.78
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	7	1.78
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	7	1.78
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	7	1.78
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	7	1.78
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	7	1.78
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	7	1.78
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD11	8	1.78
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD12	8	1.78
(1,659)	1:886:A:LEU:HD12	1:897:A:ILE:HD13	8	1.78
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD11	8	1.78
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD12	8	1.78
(1,659)	1:886:A:LEU:HD13	1:897:A:ILE:HD13	8	1.78
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD11	8	1.78
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD12	8	1.78
(1,659)	1:886:A:LEU:HD11	1:897:A:ILE:HD13	8	1.78
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	5	1.78
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	5	1.78
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	5	1.78
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	11	1.78
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	11	1.78
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	11	1.78
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	19	1.78
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	19	1.78
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	19	1.78
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	6	1.78
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	6	1.78
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	6	1.78
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	14	1.78
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	14	1.78
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	14	1.78
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	10	1.78
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	10	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	10	1.78
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	10	1.78
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	13	1.78
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	13	1.78
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	13	1.78
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	7	1.78
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	7	1.78
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	7	1.78
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	10	1.78
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	1	1.78
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	1	1.78
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	9	1.78
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	9	1.78
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	9	1.78
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	9	1.78
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	9	1.78
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	9	1.78
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	9	1.78
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	9	1.78
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	9	1.78
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	17	1.78
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	17	1.78
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	17	1.78
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	17	1.78
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	17	1.78
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	17	1.78
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	17	1.78
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	17	1.78
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	17	1.78
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	1	1.78
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	1	1.78
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	2	1.78
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	1	1.78
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	6	1.78
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	15	1.78
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	17	1.78
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	5	1.78
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	5	1.78
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	5	1.78
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	5	1.78
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	5	1.78
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	15	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	15	1.78
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	13	1.78
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	13	1.78
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	13	1.78
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	19	1.78
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	19	1.78
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	19	1.78
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	1	1.78
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	10	1.78
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	14	1.78
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	14	1.78
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	14	1.78
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	15	1.78
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	15	1.78
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	15	1.78
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	14	1.78
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	14	1.78
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	14	1.78
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	4	1.78
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	4	1.78
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	4	1.78
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	20	1.78
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	20	1.78
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	20	1.78
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	20	1.78
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	20	1.78
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	6	1.78
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	6	1.78
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	6	1.78
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	13	1.78
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	13	1.78
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	13	1.78
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	13	1.78
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	13	1.78
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	13	1.78
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	19	1.78
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	19	1.78
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	19	1.78
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	19	1.78
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	19	1.78
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	19	1.78
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	4	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	4	1.78
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	4	1.78
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	4	1.78
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	18	1.78
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	18	1.78
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	18	1.78
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	18	1.78
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	2	1.78
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	20	1.78
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	19	1.78
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	19	1.78
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	19	1.78
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	16	1.78
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	16	1.78
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	16	1.78
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	16	1.78
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	16	1.78
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	16	1.78
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	16	1.78
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	16	1.78
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	16	1.78
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	3	1.78
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	3	1.78
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	3	1.78
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	16	1.78
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	16	1.78
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	16	1.78
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	20	1.78
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	20	1.78
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	20	1.78
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	5	1.78
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	5	1.78
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	5	1.78
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	5	1.78
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	5	1.78
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	5	1.78
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	5	1.78
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	5	1.78
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	5	1.78
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	4	1.78
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	4	1.78
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	4	1.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	8	1.78
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	8	1.78
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	8	1.78
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	5	1.78
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	5	1.78
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	6	1.78
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	6	1.78
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	7	1.78
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	7	1.78
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	17	1.78
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	17	1.78
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	17	1.78
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	19	1.78
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	19	1.78
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	19	1.78
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	1	1.78
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	18	1.78
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	12	1.78
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	12	1.78
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	12	1.78
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	14	1.78
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	14	1.78
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	14	1.78
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	5	1.78
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	5	1.78
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	5	1.78
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	5	1.78
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	5	1.78
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	5	1.78
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	9	1.78
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	9	1.78
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	9	1.78
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	9	1.78
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	9	1.78
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	9	1.78
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	12	1.78
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	12	1.78
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	12	1.78
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	19	1.77
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	19	1.77
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	19	1.77
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	19	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	3	1.77
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	3	1.77
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	3	1.77
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	3	1.77
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	4	1.77
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	4	1.77
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	5	1.77
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	5	1.77
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	6	1.77
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	6	1.77
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	12	1.77
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	12	1.77
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	12	1.77
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	12	1.77
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	7	1.77
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	7	1.77
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	7	1.77
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	7	1.77
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	7	1.77
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	7	1.77
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	15	1.77
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	15	1.77
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	15	1.77
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	15	1.77
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	15	1.77
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	15	1.77
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	9	1.77
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	9	1.77
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	17	1.77
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	17	1.77
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	17	1.77
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	17	1.77
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	17	1.77
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	17	1.77
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	3	1.77
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	3	1.77
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	15	1.77
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	15	1.77
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	10	1.77
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	10	1.77
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	13	1.77
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	13	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	10	1.77
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	10	1.77
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	10	1.77
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	10	1.77
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	9	1.77
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	9	1.77
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	3	1.77
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	3	1.77
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	13	1.77
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	13	1.77
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	5	1.77
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	5	1.77
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	5	1.77
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	5	1.77
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	19	1.77
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	19	1.77
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	19	1.77
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	19	1.77
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	19	1.77
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	19	1.77
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	13	1.77
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	13	1.77
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	13	1.77
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	13	1.77
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	13	1.77
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	13	1.77
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	6	1.77
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	6	1.77
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	6	1.77
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	6	1.77
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	18	1.77
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	18	1.77
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	4	1.77
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	4	1.77
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	4	1.77
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	13	1.77
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	9	1.77
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	9	1.77
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	5	1.77
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	13	1.77
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	1	1.77
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	1	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	1	1.77
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	11	1.77
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	11	1.77
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	11	1.77
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	17	1.77
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	17	1.77
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	17	1.77
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	19	1.77
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	19	1.77
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	19	1.77
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	10	1.77
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	15	1.77
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	15	1.77
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	8	1.77
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	11	1.77
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	11	1.77
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	11	1.77
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	3	1.77
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	3	1.77
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	3	1.77
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	13	1.77
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	13	1.77
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	13	1.77
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	3	1.77
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	3	1.77
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	3	1.77
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	10	1.77
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	10	1.77
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	10	1.77
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	7	1.77
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	7	1.77
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	7	1.77
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	6	1.77
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	6	1.77
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	6	1.77
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	17	1.77
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	17	1.77
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	17	1.77
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	6	1.77
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	6	1.77
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	6	1.77
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	8	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	8	1.77
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	8	1.77
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	10	1.77
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	10	1.77
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	10	1.77
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	8	1.77
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	8	1.77
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	8	1.77
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	1	1.77
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	1	1.77
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	1	1.77
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	18	1.77
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	18	1.77
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	18	1.77
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	6	1.77
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	14	1.77
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	14	1.77
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	6	1.77
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	9	1.77
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	9	1.77
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	9	1.77
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	9	1.77
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	13	1.77
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	13	1.77
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	13	1.77
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	2	1.77
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	2	1.77
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	2	1.77
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	2	1.77
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	2	1.77
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	2	1.77
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	9	1.77
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	9	1.77
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	9	1.77
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	16	1.77
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	16	1.77
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	16	1.77
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	16	1.77
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	16	1.77
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	16	1.77
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	20	1.77
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	20	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	20	1.77
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	16	1.77
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	16	1.77
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	20	1.77
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	20	1.77
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	2	1.77
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	2	1.77
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	18	1.77
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	18	1.77
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	18	1.77
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	20	1.77
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	20	1.77
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	20	1.77
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	20	1.77
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	2	1.77
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	16	1.77
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	16	1.77
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	10	1.77
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	10	1.77
(1,2512)	1:876:A:LEU:HB3	1:924:A:TYR:HH	6	1.77
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	16	1.77
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	16	1.77
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	2	1.77
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	2	1.77
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	10	1.77
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	10	1.77
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	10	1.77
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	10	1.77
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	10	1.77
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	10	1.77
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	10	1.77
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	10	1.77
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	10	1.77
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	10	1.77
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	10	1.77
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	10	1.77
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	18	1.77
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	18	1.77
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	18	1.77
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	18	1.77
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	18	1.77
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	18	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	7	1.77
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	7	1.77
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	7	1.77
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	7	1.77
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	7	1.77
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	7	1.77
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	9	1.77
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	9	1.77
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	9	1.77
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	9	1.77
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	9	1.77
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	9	1.77
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	12	1.77
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	12	1.77
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	12	1.77
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	12	1.77
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	12	1.77
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	12	1.77
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	5	1.77
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	5	1.77
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	5	1.77
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	5	1.77
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	5	1.77
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	5	1.77
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	16	1.77
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	16	1.77
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	16	1.77
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	16	1.77
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	16	1.77
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	16	1.77
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	14	1.77
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	14	1.77
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	14	1.77
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	14	1.77
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	14	1.77
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	14	1.77
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	16	1.77
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	16	1.77
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	16	1.77
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	14	1.77
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	14	1.77
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	2	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	2	1.77
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	14	1.77
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	14	1.77
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	19	1.77
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	19	1.77
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	19	1.77
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	19	1.77
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	19	1.77
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	19	1.77
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	19	1.77
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	19	1.77
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	19	1.77
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	19	1.77
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	19	1.77
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	19	1.77
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	19	1.77
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	19	1.77
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	19	1.77
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	19	1.77
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	7	1.77
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	7	1.77
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	7	1.77
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	7	1.77
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	13	1.77
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	13	1.77
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	3	1.77
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	3	1.77
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	3	1.77
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	3	1.77
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	3	1.77
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	3	1.77
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	20	1.77
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	20	1.77
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	20	1.77
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	20	1.77
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	20	1.77
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	20	1.77
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	16	1.77
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	16	1.77
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	16	1.77
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	16	1.77
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	16	1.77
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	8	1.77
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	8	1.77
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	7	1.77
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	7	1.77
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	8	1.77
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	8	1.77
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	12	1.77
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	12	1.77
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	16	1.77
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	16	1.77
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	14	1.77
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	14	1.77
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	14	1.77
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	14	1.77
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	14	1.77
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	14	1.77
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	19	1.77
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	19	1.77
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	19	1.77
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	19	1.77
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	19	1.77
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	19	1.77
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	8	1.77
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	8	1.77
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	19	1.77
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	19	1.77
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	19	1.77
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	20	1.77
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	20	1.77
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	20	1.77
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	4	1.77
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	4	1.77
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	9	1.77
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	19	1.77
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	15	1.77
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	15	1.77
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	15	1.77
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	9	1.77
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	19	1.77
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	9	1.77
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	9	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	9	1.77
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	5	1.77
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	5	1.77
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	5	1.77
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	11	1.77
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	9	1.77
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	9	1.77
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	12	1.77
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	12	1.77
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	9	1.77
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	9	1.77
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	3	1.77
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	3	1.77
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	3	1.77
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	11	1.77
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	17	1.77
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	17	1.77
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	1	1.77
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	1	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	1	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	1	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	1	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	7	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	7	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	7	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	10	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	10	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	10	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	15	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	15	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	15	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	16	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	16	1.77
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	16	1.77
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	6	1.77
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	6	1.77
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	6	1.77
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	4	1.77
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	4	1.77
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	13	1.77
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	13	1.77
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	13	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	8	1.77
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	10	1.77
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	15	1.77
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	15	1.77
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	15	1.77
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	16	1.77
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	16	1.77
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	3	1.77
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	9	1.77
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	9	1.77
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	9	1.77
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	11	1.77
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	11	1.77
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	11	1.77
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	14	1.77
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	14	1.77
(1,1252)	1:834:A:PRO:HD2	1:835:A:LYS:H	18	1.77
(1,1252)	1:834:A:PRO:HD3	1:835:A:LYS:H	18	1.77
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	8	1.77
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	8	1.77
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	10	1.77
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	10	1.77
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	10	1.77
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	1	1.77
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	1	1.77
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	1	1.77
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	3	1.77
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	3	1.77
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	3	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	1	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	1	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	1	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	5	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	5	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	5	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	7	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	7	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	7	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	16	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	16	1.77
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	16	1.77
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	20	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	20	1.77
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	20	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	2	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	2	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	2	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	14	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	14	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	14	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	16	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	16	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	16	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	19	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	19	1.77
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	19	1.77
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	2	1.77
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	15	1.77
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	19	1.77
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	19	1.77
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	16	1.77
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	16	1.77
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	7	1.77
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	3	1.77
(1,877)	1:869:A:VAL:HG11	1:871:A:GLN:H	16	1.77
(1,877)	1:869:A:VAL:HG12	1:871:A:GLN:H	16	1.77
(1,877)	1:869:A:VAL:HG13	1:871:A:GLN:H	16	1.77
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	1	1.77
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	1	1.77
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	1	1.77
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	7	1.77
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	7	1.77
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	7	1.77
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	17	1.77
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	17	1.77
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	17	1.77
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	17	1.77
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	17	1.77
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	17	1.77
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	10	1.77
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	10	1.77
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	10	1.77
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	8	1.77
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	8	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	8	1.77
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	2	1.77
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	2	1.77
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	2	1.77
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	2	1.77
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	2	1.77
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	2	1.77
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	11	1.77
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	11	1.77
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	11	1.77
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	11	1.77
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	11	1.77
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	11	1.77
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	2	1.77
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	2	1.77
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	2	1.77
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	16	1.77
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	16	1.77
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	16	1.77
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	17	1.77
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	17	1.77
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	14	1.77
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	14	1.77
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	14	1.77
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	16	1.77
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	1	1.77
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	1	1.77
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	1	1.77
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	16	1.77
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	16	1.77
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	16	1.77
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	9	1.77
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	9	1.77
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	9	1.77
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD21	16	1.77
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD22	16	1.77
(1,641)	1:896:A:LEU:HA	1:896:A:LEU:HD23	16	1.77
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	19	1.77
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	19	1.77
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	11	1.77
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	11	1.77
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	11	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	16	1.77
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	16	1.77
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	16	1.77
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	3	1.77
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	3	1.77
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	13	1.77
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	13	1.77
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	12	1.77
(1,615)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	12	1.77
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	12	1.77
(1,615)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	12	1.77
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	4	1.77
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	4	1.77
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	1	1.77
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	1	1.77
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	1	1.77
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	2	1.77
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	2	1.77
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	2	1.77
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	15	1.77
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	15	1.77
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	15	1.77
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	15	1.77
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	15	1.77
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	15	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	2	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	2	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	2	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	2	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	2	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	2	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	2	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	2	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	2	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	9	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	9	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	9	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	9	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	9	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	9	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	9	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	9	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	9	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	10	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	10	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	10	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	10	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	10	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	10	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	10	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	10	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	10	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	11	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	11	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	11	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	11	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	11	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	11	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	11	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	11	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	11	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	17	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	17	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	17	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	17	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	17	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	17	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	17	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	17	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	17	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	18	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	18	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	18	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	18	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	18	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	18	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	18	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	18	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	18	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	20	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	20	1.77
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	20	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	20	1.77
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	20	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	20	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	20	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	20	1.77
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	20	1.77
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD12	16	1.77
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD13	16	1.77
(1,567)	1:886:A:LEU:HB2	1:886:A:LEU:HD11	16	1.77
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	14	1.77
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	14	1.77
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	14	1.77
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	20	1.77
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	19	1.77
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	19	1.77
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	19	1.77
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	12	1.77
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	12	1.77
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	12	1.77
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	16	1.77
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	16	1.77
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	16	1.77
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	1	1.77
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	1	1.77
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	1	1.77
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	1	1.77
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	1	1.77
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	1	1.77
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	1	1.77
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	1	1.77
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	1	1.77
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	10	1.77
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	10	1.77
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	10	1.77
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	10	1.77
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	10	1.77
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	10	1.77
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	10	1.77
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	10	1.77
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	10	1.77
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	4	1.77
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	3	1.77
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	3	1.77
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	3	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	3	1.77
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	3	1.77
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	3	1.77
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	3	1.77
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	3	1.77
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	3	1.77
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	9	1.77
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	9	1.77
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	16	1.77
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	6	1.77
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	6	1.77
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	6	1.77
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	19	1.77
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	19	1.77
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	19	1.77
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	5	1.77
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	5	1.77
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	5	1.77
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	19	1.77
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	19	1.77
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	19	1.77
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	5	1.77
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	5	1.77
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	5	1.77
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	6	1.77
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	6	1.77
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	6	1.77
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	1	1.77
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	1	1.77
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	1	1.77
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	1	1.77
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	1	1.77
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	1	1.77
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	1	1.77
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	1	1.77
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	1	1.77
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	14	1.77
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	14	1.77
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	14	1.77
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	14	1.77
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	14	1.77
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	14	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	14	1.77
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	14	1.77
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	14	1.77
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	14	1.77
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	14	1.77
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	14	1.77
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	2	1.77
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	2	1.77
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	2	1.77
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	9	1.77
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	9	1.77
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	9	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	3	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	3	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	3	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	6	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	6	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	6	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	9	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	9	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	9	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	12	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	12	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	12	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	13	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	13	1.77
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	13	1.77
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	17	1.77
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	2	1.77
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	2	1.77
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	2	1.77
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	2	1.77
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	6	1.77
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	6	1.77
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	6	1.77
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	6	1.77
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	6	1.77
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	6	1.77
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	6	1.77
(1,197)	1:829:A:LEU:HD11	1:832:A:THR:HB	10	1.77
(1,197)	1:829:A:LEU:HD12	1:832:A:THR:HB	10	1.77
(1,197)	1:829:A:LEU:HD13	1:832:A:THR:HB	10	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	11	1.77
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	11	1.77
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	11	1.77
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	14	1.77
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	14	1.77
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	14	1.77
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	19	1.77
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	19	1.77
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	19	1.77
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	7	1.77
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	7	1.77
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	15	1.77
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	15	1.77
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	8	1.77
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	8	1.77
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	8	1.77
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	8	1.77
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	8	1.77
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	8	1.77
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	8	1.77
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	8	1.77
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	8	1.77
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	15	1.77
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	15	1.77
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	15	1.77
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	9	1.77
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	9	1.77
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	4	1.77
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	4	1.77
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	4	1.77
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	18	1.77
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	18	1.77
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	18	1.77
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	2	1.77
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	2	1.77
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	2	1.77
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	19	1.77
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	19	1.77
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	19	1.77
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	4	1.77
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	8	1.77
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	9	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	1	1.77
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	1	1.77
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	1	1.77
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	1	1.77
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	1	1.77
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	1	1.77
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	19	1.77
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	19	1.77
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	19	1.77
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	19	1.77
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	19	1.77
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	19	1.77
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	8	1.77
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	8	1.77
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	8	1.77
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	8	1.77
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	8	1.77
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	8	1.77
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	18	1.77
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	18	1.77
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	18	1.77
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	18	1.77
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	18	1.77
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	18	1.77
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	2	1.77
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	2	1.77
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	2	1.77
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	1	1.76
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	1	1.76
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	1	1.76
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	1	1.76
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	1	1.76
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	1	1.76
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	3	1.76
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	3	1.76
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	3	1.76
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	3	1.76
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	3	1.76
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	3	1.76
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	8	1.76
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	8	1.76
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	12	1.76
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	4	1.76
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	4	1.76
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	4	1.76
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	4	1.76
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	17	1.76
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	17	1.76
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	17	1.76
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	17	1.76
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	9	1.76
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	9	1.76
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	8	1.76
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	8	1.76
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	2	1.76
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	2	1.76
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	10	1.76
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	10	1.76
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	14	1.76
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	14	1.76
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	14	1.76
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	14	1.76
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	14	1.76
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	14	1.76
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	3	1.76
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	3	1.76
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	13	1.76
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	13	1.76
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	5	1.76
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	5	1.76
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	9	1.76
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	9	1.76
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	6	1.76
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	6	1.76
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	6	1.76
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	6	1.76
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	6	1.76
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	6	1.76
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	7	1.76
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	7	1.76
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	12	1.76
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	12	1.76
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	12	1.76
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	15	1.76
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	15	1.76
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	6	1.76
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	6	1.76
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	6	1.76
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	6	1.76
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	6	1.76
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	6	1.76
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	20	1.76
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	20	1.76
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	14	1.76
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	14	1.76
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	11	1.76
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	11	1.76
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	11	1.76
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	11	1.76
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	12	1.76
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	12	1.76
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	12	1.76
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	12	1.76
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	11	1.76
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	11	1.76
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	3	1.76
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	3	1.76
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	1	1.76
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	2	1.76
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	16	1.76
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	14	1.76
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	14	1.76
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	14	1.76
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	3	1.76
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	3	1.76
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	3	1.76
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	2	1.76
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	2	1.76
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	2	1.76
(1,2847)	1:874:A:LEU:HD13	1:878:A:LYS:HE2	2	1.76
(1,2847)	1:874:A:LEU:HD11	1:878:A:LYS:HE2	2	1.76
(1,2847)	1:874:A:LEU:HD12	1:878:A:LYS:HE2	2	1.76
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	17	1.76
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	17	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	17	1.76
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	17	1.76
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	17	1.76
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	17	1.76
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	17	1.76
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	17	1.76
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	17	1.76
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	7	1.76
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	7	1.76
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	7	1.76
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	7	1.76
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	7	1.76
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	7	1.76
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	7	1.76
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	7	1.76
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	7	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	4	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	4	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	4	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	7	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	7	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	7	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	10	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	10	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	10	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	14	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	14	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	14	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	20	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	20	1.76
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	20	1.76
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	6	1.76
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	6	1.76
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	6	1.76
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	20	1.76
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	20	1.76
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	20	1.76
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	18	1.76
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	18	1.76
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	18	1.76
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	4	1.76
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	4	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	4	1.76
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	12	1.76
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	12	1.76
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	12	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	9	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	9	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	9	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	12	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	12	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	12	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	17	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	17	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	17	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	19	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	19	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	19	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	20	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	20	1.76
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	20	1.76
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	15	1.76
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	15	1.76
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	10	1.76
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	9	1.76
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	12	1.76
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	12	1.76
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	12	1.76
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	13	1.76
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	13	1.76
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	13	1.76
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	13	1.76
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	13	1.76
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	13	1.76
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	15	1.76
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	15	1.76
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	15	1.76
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	15	1.76
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	15	1.76
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	15	1.76
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	12	1.76
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	12	1.76
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	12	1.76
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	16	1.76
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	16	1.76
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	16	1.76
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	6	1.76
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	6	1.76
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	6	1.76
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	6	1.76
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	6	1.76
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	6	1.76
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	10	1.76
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	10	1.76
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	10	1.76
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	10	1.76
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	10	1.76
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	10	1.76
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	6	1.76
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	6	1.76
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	6	1.76
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	11	1.76
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	11	1.76
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	11	1.76
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	14	1.76
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	14	1.76
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	14	1.76
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	14	1.76
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	14	1.76
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	14	1.76
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	15	1.76
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	15	1.76
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	13	1.76
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	13	1.76
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	17	1.76
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	17	1.76
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	16	1.76
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	16	1.76
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	8	1.76
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	8	1.76
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	16	1.76
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	16	1.76
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	7	1.76
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	7	1.76
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	7	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	7	1.76
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	7	1.76
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	7	1.76
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	7	1.76
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	7	1.76
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	11	1.76
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	11	1.76
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	17	1.76
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	17	1.76
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE1	4	1.76
(1,2370)	1:832:A:THR:HG21	1:840:A:PHE:HE2	4	1.76
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE1	4	1.76
(1,2370)	1:832:A:THR:HG22	1:840:A:PHE:HE2	4	1.76
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE1	4	1.76
(1,2370)	1:832:A:THR:HG23	1:840:A:PHE:HE2	4	1.76
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	20	1.76
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	20	1.76
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	20	1.76
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	20	1.76
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	20	1.76
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	20	1.76
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	16	1.76
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	16	1.76
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	16	1.76
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	16	1.76
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	16	1.76
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	16	1.76
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	3	1.76
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	3	1.76
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	3	1.76
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	3	1.76
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	3	1.76
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	3	1.76
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	6	1.76
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	6	1.76
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	13	1.76
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	13	1.76
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	13	1.76
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	13	1.76
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	13	1.76
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	13	1.76
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	12	1.76
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	12	1.76
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	12	1.76
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	7	1.76
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	7	1.76
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	7	1.76
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	7	1.76
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	7	1.76
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	7	1.76
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	5	1.76
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	5	1.76
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	5	1.76
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	5	1.76
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	18	1.76
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	18	1.76
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	14	1.76
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	14	1.76
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	15	1.76
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	15	1.76
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	19	1.76
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	19	1.76
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	5	1.76
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	5	1.76
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	9	1.76
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	9	1.76
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	14	1.76
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	14	1.76
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	12	1.76
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	12	1.76
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	12	1.76
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	16	1.76
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	16	1.76
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	16	1.76
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	12	1.76
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	12	1.76
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	17	1.76
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	17	1.76
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	17	1.76
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	2	1.76
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	5	1.76
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	5	1.76
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	5	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	1	1.76
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	6	1.76
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	6	1.76
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	20	1.76
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	20	1.76
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	11	1.76
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	11	1.76
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	11	1.76
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	18	1.76
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	18	1.76
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	18	1.76
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	19	1.76
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	19	1.76
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	19	1.76
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	8	1.76
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	8	1.76
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	8	1.76
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	20	1.76
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	20	1.76
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	4	1.76
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	4	1.76
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	20	1.76
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	20	1.76
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	20	1.76
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	6	1.76
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	6	1.76
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	13	1.76
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	13	1.76
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	12	1.76
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	12	1.76
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	17	1.76
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	17	1.76
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	4	1.76
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	4	1.76
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	4	1.76
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	5	1.76
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	5	1.76
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	5	1.76
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	2	1.76
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	2	1.76
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	2	1.76
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	20	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	5	1.76
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	5	1.76
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	17	1.76
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	17	1.76
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	19	1.76
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	19	1.76
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	10	1.76
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	10	1.76
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	4	1.76
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	4	1.76
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	20	1.76
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	20	1.76
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	11	1.76
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	11	1.76
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	11	1.76
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	4	1.76
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	4	1.76
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	4	1.76
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	20	1.76
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	20	1.76
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	20	1.76
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	10	1.76
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	10	1.76
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	6	1.76
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	6	1.76
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	3	1.76
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	1	1.76
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	1	1.76
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	1	1.76
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	7	1.76
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	7	1.76
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	7	1.76
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	13	1.76
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	13	1.76
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	13	1.76
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	10	1.76
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	1	1.76
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	13	1.76
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	10	1.76
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	8	1.76
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	8	1.76
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	8	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	19	1.76
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	19	1.76
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	19	1.76
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	8	1.76
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	8	1.76
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	8	1.76
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	1	1.76
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	1	1.76
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	4	1.76
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	4	1.76
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	4	1.76
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	11	1.76
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	11	1.76
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	5	1.76
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	5	1.76
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	5	1.76
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	6	1.76
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	6	1.76
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	6	1.76
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	10	1.76
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	10	1.76
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	1	1.76
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	15	1.76
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	16	1.76
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	7	1.76
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	7	1.76
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	7	1.76
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	7	1.76
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	7	1.76
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	2	1.76
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	2	1.76
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	2	1.76
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	4	1.76
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	4	1.76
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	4	1.76
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	4	1.76
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	4	1.76
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	4	1.76
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	4	1.76
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	4	1.76
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	4	1.76
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	3	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	3	1.76
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	3	1.76
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	3	1.76
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	9	1.76
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	9	1.76
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	9	1.76
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	9	1.76
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	9	1.76
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	9	1.76
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	9	1.76
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	9	1.76
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	9	1.76
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	9	1.76
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	9	1.76
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	12	1.76
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	12	1.76
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	12	1.76
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	15	1.76
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	15	1.76
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	15	1.76
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	19	1.76
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	19	1.76
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	19	1.76
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	2	1.76
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	2	1.76
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	6	1.76
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	6	1.76
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	3	1.76
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	3	1.76
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	3	1.76
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD11	4	1.76
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD12	4	1.76
(1,710)	1:905:A:SER:HA	1:914:A:LEU:HD13	4	1.76
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	8	1.76
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	8	1.76
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	8	1.76
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	20	1.76
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	12	1.76
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	1	1.76
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	1	1.76
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	1	1.76
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	1	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	1	1.76
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	1	1.76
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	1	1.76
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	1	1.76
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	1	1.76
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	11	1.76
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	11	1.76
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	11	1.76
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	11	1.76
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	8	1.76
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	8	1.76
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	8	1.76
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	5	1.76
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	5	1.76
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	3	1.76
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	3	1.76
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	20	1.76
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	20	1.76
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	20	1.76
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	5	1.76
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	5	1.76
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	5	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	6	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	6	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	6	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	6	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	6	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	6	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	6	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	6	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	6	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	13	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	13	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	13	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	13	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	13	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	13	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	13	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	13	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	13	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	16	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	16	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	16	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	16	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	16	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	16	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	16	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	16	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	16	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	19	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	19	1.76
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	19	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	19	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	19	1.76
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	19	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	19	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	19	1.76
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	19	1.76
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	8	1.76
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	8	1.76
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	8	1.76
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	8	1.76
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	8	1.76
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	8	1.76
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	11	1.76
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	11	1.76
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	11	1.76
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	11	1.76
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	11	1.76
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	11	1.76
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	11	1.76
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	11	1.76
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	11	1.76
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	4	1.76
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	16	1.76
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	9	1.76
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	9	1.76
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	9	1.76
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	9	1.76
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	9	1.76
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	9	1.76
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	4	1.76
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	14	1.76
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	14	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	18	1.76
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	4	1.76
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	9	1.76
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	11	1.76
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	11	1.76
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	11	1.76
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	14	1.76
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	14	1.76
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	14	1.76
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	14	1.76
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	14	1.76
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	14	1.76
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	14	1.76
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	14	1.76
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	14	1.76
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	13	1.76
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	4	1.76
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	19	1.76
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	9	1.76
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	9	1.76
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	9	1.76
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	10	1.76
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	10	1.76
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	10	1.76
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	8	1.76
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	8	1.76
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	8	1.76
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	3	1.76
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	3	1.76
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	3	1.76
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	10	1.76
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	10	1.76
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	10	1.76
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	11	1.76
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	11	1.76
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	11	1.76
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	11	1.76
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	11	1.76
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	11	1.76
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	7	1.76
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	7	1.76
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	9	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	9	1.76
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	10	1.76
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	10	1.76
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	10	1.76
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	13	1.76
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	13	1.76
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	13	1.76
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	19	1.76
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	19	1.76
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	19	1.76
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE1	20	1.76
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE2	20	1.76
(1,260)	1:839:A:MET:HB2	1:839:A:MET:HE3	20	1.76
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE1	20	1.76
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE2	20	1.76
(1,260)	1:839:A:MET:HB3	1:839:A:MET:HE3	20	1.76
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	10	1.76
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	10	1.76
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	10	1.76
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	10	1.76
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	12	1.76
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	12	1.76
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	12	1.76
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	12	1.76
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	19	1.76
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	5	1.76
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	5	1.76
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	5	1.76
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	1	1.76
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	1	1.76
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	1	1.76
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	1	1.76
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	1	1.76
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	1	1.76
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	15	1.76
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	15	1.76
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	15	1.76
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	4	1.76
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	16	1.76
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	16	1.76
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	16	1.76
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	16	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	16	1.76
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	16	1.76
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	17	1.76
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	17	1.76
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	17	1.76
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	12	1.76
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	12	1.76
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	12	1.76
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD21	9	1.76
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD22	9	1.76
(1,149)	1:825:A:CYS:HA	1:829:A:LEU:HD23	9	1.76
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	7	1.76
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	7	1.76
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	7	1.76
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	17	1.76
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	17	1.76
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	17	1.76
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	10	1.76
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	10	1.76
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	11	1.76
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	11	1.76
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	11	1.76
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	20	1.76
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	20	1.76
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	20	1.76
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	15	1.76
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	15	1.76
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	15	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	2	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	2	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	2	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	3	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	3	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	3	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	8	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	8	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	8	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	11	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	11	1.76
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	11	1.76
(1,25)	1:800:A:ILE:HG22	1:828:A:LEU:HG	10	1.76
(1,25)	1:800:A:ILE:HG23	1:828:A:LEU:HG	10	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:800:A:ILE:HG21	1:828:A:LEU:HG	10	1.76
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	3	1.76
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	3	1.76
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	3	1.76
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	12	1.76
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	12	1.76
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	12	1.76
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	14	1.75
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	14	1.75
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	14	1.75
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	14	1.75
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	14	1.75
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	14	1.75
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	15	1.75
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	15	1.75
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	15	1.75
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	15	1.75
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	15	1.75
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	15	1.75
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	20	1.75
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	20	1.75
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	20	1.75
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	20	1.75
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	20	1.75
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	20	1.75
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	2	1.75
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	2	1.75
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	9	1.75
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	9	1.75
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	1	1.75
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	1	1.75
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	1	1.75
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	1	1.75
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB2	17	1.75
(1,3346)	1:901:A:PHE:HE2	1:920:A:LEU:HB3	17	1.75
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB2	17	1.75
(1,3346)	1:901:A:PHE:HE1	1:920:A:LEU:HB3	17	1.75
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	8	1.75
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	8	1.75
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	19	1.75
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	19	1.75
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	17	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	17	1.75
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	17	1.75
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	17	1.75
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	17	1.75
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	17	1.75
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	17	1.75
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	17	1.75
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	17	1.75
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	17	1.75
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	17	1.75
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	17	1.75
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	20	1.75
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	20	1.75
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	20	1.75
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	20	1.75
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	20	1.75
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	20	1.75
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	8	1.75
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	8	1.75
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	9	1.75
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	9	1.75
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	18	1.75
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	18	1.75
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	1	1.75
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	1	1.75
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	2	1.75
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	2	1.75
(1,3150)	1:842:A:SER:HB2	1:843:A:ASN:H	15	1.75
(1,3150)	1:842:A:SER:HB3	1:843:A:ASN:H	15	1.75
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	6	1.75
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	6	1.75
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	14	1.75
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	14	1.75
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	14	1.75
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	14	1.75
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	14	1.75
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	14	1.75
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	12	1.75
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	12	1.75
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	13	1.75
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	13	1.75
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	17	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	17	1.75
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	17	1.75
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	17	1.75
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	17	1.75
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	17	1.75
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	9	1.75
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	9	1.75
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	14	1.75
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	14	1.75
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	2	1.75
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	20	1.75
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	7	1.75
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	17	1.75
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	18	1.75
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	8	1.75
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	1	1.75
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	1	1.75
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	1	1.75
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	4	1.75
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	4	1.75
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	4	1.75
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	5	1.75
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	5	1.75
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	5	1.75
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	15	1.75
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	15	1.75
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	15	1.75
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	5	1.75
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	5	1.75
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	5	1.75
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	12	1.75
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	12	1.75
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	12	1.75
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	15	1.75
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	15	1.75
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	15	1.75
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD11	5	1.75
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD12	5	1.75
(1,2817)	1:845:A:LEU:HB3	1:845:A:LEU:HD13	5	1.75
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	6	1.75
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	6	1.75
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	6	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	7	1.75
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	7	1.75
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	7	1.75
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	6	1.75
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	6	1.75
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	6	1.75
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	5	1.75
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	5	1.75
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	20	1.75
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	20	1.75
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	3	1.75
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	3	1.75
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	14	1.75
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	14	1.75
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	14	1.75
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	19	1.75
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	19	1.75
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	19	1.75
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD13	9	1.75
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD11	9	1.75
(1,2766)	1:802:A:LYS:HA	1:831:A:ILE:HD12	9	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	5	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	5	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	5	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	6	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	6	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	6	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	7	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	7	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	7	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	8	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	8	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	8	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	15	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	15	1.75
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	15	1.75
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	3	1.75
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	19	1.75
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	19	1.75
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	9	1.75
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	9	1.75
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	9	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	9	1.75
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	19	1.75
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	19	1.75
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	18	1.75
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	18	1.75
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	18	1.75
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	18	1.75
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	18	1.75
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	18	1.75
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	8	1.75
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	8	1.75
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	8	1.75
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	17	1.75
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	17	1.75
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	17	1.75
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	14	1.75
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	14	1.75
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	14	1.75
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	9	1.75
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	9	1.75
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	6	1.75
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	6	1.75
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	9	1.75
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	9	1.75
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	9	1.75
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	9	1.75
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	8	1.75
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	8	1.75
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	5	1.75
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	5	1.75
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	5	1.75
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	5	1.75
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	15	1.75
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	15	1.75
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	9	1.75
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	9	1.75
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	11	1.75
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	11	1.75
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	2	1.75
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	2	1.75
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	6	1.75
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	6	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	16	1.75
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	1	1.75
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	1	1.75
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	1	1.75
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	1	1.75
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	1	1.75
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	1	1.75
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	2	1.75
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	2	1.75
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	2	1.75
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	2	1.75
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	2	1.75
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	2	1.75
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	6	1.75
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	6	1.75
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	6	1.75
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	6	1.75
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	6	1.75
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	6	1.75
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	19	1.75
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	19	1.75
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	19	1.75
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	19	1.75
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	19	1.75
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	19	1.75
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	18	1.75
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	18	1.75
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	18	1.75
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	18	1.75
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	18	1.75
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	18	1.75
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	13	1.75
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	13	1.75
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	13	1.75
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	13	1.75
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	13	1.75
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	13	1.75
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	15	1.75
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	15	1.75
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	9	1.75
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	9	1.75
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	9	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	9	1.75
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	9	1.75
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	9	1.75
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	15	1.75
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	15	1.75
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	15	1.75
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	15	1.75
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	17	1.75
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	17	1.75
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	17	1.75
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	17	1.75
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	15	1.75
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	15	1.75
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	15	1.75
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	15	1.75
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	15	1.75
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	15	1.75
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	3	1.75
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	3	1.75
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	1	1.75
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	1	1.75
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	1	1.75
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	1	1.75
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	10	1.75
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	10	1.75
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	10	1.75
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	10	1.75
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	10	1.75
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	10	1.75
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	12	1.75
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	12	1.75
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	13	1.75
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	13	1.75
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	14	1.75
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	14	1.75
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	4	1.75
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	4	1.75
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	16	1.75
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	16	1.75
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	5	1.75
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	5	1.75
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	5	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	5	1.75
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	5	1.75
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	5	1.75
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	5	1.75
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	5	1.75
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	5	1.75
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	4	1.75
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	4	1.75
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	2	1.75
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	2	1.75
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	2	1.75
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	5	1.75
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	15	1.75
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	15	1.75
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	1	1.75
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	1	1.75
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	1	1.75
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	11	1.75
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	11	1.75
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	11	1.75
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	3	1.75
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	3	1.75
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	19	1.75
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	19	1.75
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	13	1.75
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	11	1.75
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	11	1.75
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	11	1.75
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	14	1.75
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	14	1.75
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	14	1.75
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	14	1.75
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	14	1.75
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	8	1.75
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	8	1.75
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	4	1.75
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	4	1.75
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	8	1.75
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	8	1.75
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	8	1.75
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	14	1.75
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	14	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	14	1.75
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	6	1.75
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	6	1.75
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	6	1.75
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	8	1.75
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	8	1.75
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	17	1.75
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	17	1.75
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	8	1.75
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	8	1.75
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	11	1.75
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	11	1.75
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	15	1.75
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	15	1.75
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	11	1.75
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	11	1.75
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	5	1.75
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	5	1.75
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	5	1.75
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	17	1.75
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	17	1.75
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	17	1.75
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	14	1.75
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	9	1.75
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	9	1.75
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	19	1.75
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	19	1.75
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	2	1.75
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	16	1.75
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	19	1.75
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	18	1.75
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	15	1.75
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	15	1.75
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	15	1.75
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	16	1.75
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	16	1.75
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	16	1.75
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	15	1.75
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	18	1.75
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	5	1.75
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	5	1.75
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	6	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	6	1.75
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	9	1.75
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	9	1.75
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	9	1.75
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	11	1.75
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	11	1.75
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	11	1.75
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	4	1.75
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	4	1.75
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	4	1.75
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	10	1.75
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	10	1.75
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	10	1.75
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	11	1.75
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	11	1.75
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	10	1.75
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	10	1.75
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	10	1.75
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	17	1.75
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	17	1.75
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	6	1.75
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	6	1.75
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	6	1.75
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	18	1.75
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	18	1.75
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	18	1.75
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	3	1.75
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	3	1.75
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	3	1.75
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	19	1.75
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	19	1.75
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	3	1.75
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	3	1.75
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	3	1.75
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	9	1.75
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	9	1.75
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	9	1.75
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	11	1.75
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	11	1.75
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	11	1.75
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	3	1.75
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	4	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	20	1.75
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	9	1.75
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	9	1.75
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	9	1.75
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	9	1.75
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	9	1.75
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	9	1.75
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	9	1.75
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	9	1.75
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	9	1.75
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	11	1.75
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	11	1.75
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	11	1.75
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	1	1.75
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	1	1.75
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	19	1.75
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	19	1.75
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	19	1.75
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	19	1.75
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	19	1.75
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	19	1.75
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	10	1.75
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	10	1.75
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	10	1.75
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	5	1.75
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	5	1.75
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	5	1.75
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	5	1.75
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	5	1.75
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	5	1.75
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	5	1.75
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	5	1.75
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	5	1.75
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	5	1.75
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	5	1.75
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	5	1.75
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	7	1.75
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	7	1.75
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	7	1.75
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	13	1.75
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	13	1.75
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	13	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	20	1.75
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	20	1.75
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	20	1.75
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	4	1.75
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	4	1.75
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	4	1.75
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	11	1.75
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	11	1.75
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	8	1.75
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	8	1.75
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	8	1.75
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	8	1.75
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	8	1.75
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	8	1.75
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	3	1.75
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	3	1.75
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	3	1.75
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	3	1.75
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	3	1.75
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	3	1.75
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	7	1.75
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	7	1.75
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	7	1.75
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	7	1.75
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	7	1.75
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	2	1.75
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	2	1.75
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	2	1.75
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	6	1.75
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	6	1.75
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	6	1.75
(1,620)	1:889:A:ILE:HG21	1:894:A:LYS:HA	1	1.75
(1,620)	1:889:A:ILE:HG22	1:894:A:LYS:HA	1	1.75
(1,620)	1:889:A:ILE:HG23	1:894:A:LYS:HA	1	1.75
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	16	1.75
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	16	1.75
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	2	1.75
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	2	1.75
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	2	1.75
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	12	1.75
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	12	1.75
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	12	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	13	1.75
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	13	1.75
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	13	1.75
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	4	1.75
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	4	1.75
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	4	1.75
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	4	1.75
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	4	1.75
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	4	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	1	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	1	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	1	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	1	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	1	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	1	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	1	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	1	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	1	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	4	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	4	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	4	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	4	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	4	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	4	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	4	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	4	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	4	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	5	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	5	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	5	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	5	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	5	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	5	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	5	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	5	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	5	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	8	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	8	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	8	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	8	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	8	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	8	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	8	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	8	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	8	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	12	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	12	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	12	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	12	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	12	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	12	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	12	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	12	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	12	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	14	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	14	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	14	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	14	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	14	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	14	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	14	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	14	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	14	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	15	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	15	1.75
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	15	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	15	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	15	1.75
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	15	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	15	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	15	1.75
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	15	1.75
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	18	1.75
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	18	1.75
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	18	1.75
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	18	1.75
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	18	1.75
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	18	1.75
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	1	1.75
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	1	1.75
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	1	1.75
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	19	1.75
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	19	1.75
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	19	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	19	1.75
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	19	1.75
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	19	1.75
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	19	1.75
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	19	1.75
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	19	1.75
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	5	1.75
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	5	1.75
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	5	1.75
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	9	1.75
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	9	1.75
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	9	1.75
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	3	1.75
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	3	1.75
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	1	1.75
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	16	1.75
(1,442)	1:869:A:VAL:HG11	1:904:A:LEU:HG	1	1.75
(1,442)	1:869:A:VAL:HG12	1:904:A:LEU:HG	1	1.75
(1,442)	1:869:A:VAL:HG13	1:904:A:LEU:HG	1	1.75
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	11	1.75
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	11	1.75
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	11	1.75
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	20	1.75
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	20	1.75
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	17	1.75
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	17	1.75
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	17	1.75
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	20	1.75
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	20	1.75
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	20	1.75
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	1	1.75
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	1	1.75
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	1	1.75
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	1	1.75
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	1	1.75
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	1	1.75
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	1	1.75
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	1	1.75
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	1	1.75
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	1	1.75
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	1	1.75
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	1	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	7	1.75
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	7	1.75
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	7	1.75
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	7	1.75
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	7	1.75
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	7	1.75
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	7	1.75
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	7	1.75
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	7	1.75
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	2	1.75
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	2	1.75
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	2	1.75
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	12	1.75
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	12	1.75
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	12	1.75
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	1	1.75
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	1	1.75
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	1	1.75
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	10	1.75
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	10	1.75
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	10	1.75
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	13	1.75
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	13	1.75
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	13	1.75
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	1	1.75
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	1	1.75
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	1	1.75
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	10	1.75
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	10	1.75
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	10	1.75
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	1	1.75
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	1	1.75
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	1	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	3	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	3	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	3	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	5	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	5	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	5	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	7	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	7	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	7	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	12	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	12	1.75
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	12	1.75
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	2	1.75
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	2	1.75
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	2	1.75
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	11	1.75
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	11	1.75
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	11	1.75
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	20	1.75
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	20	1.75
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	20	1.75
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	18	1.75
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	18	1.75
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	18	1.75
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	16	1.75
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	16	1.75
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	16	1.75
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	17	1.75
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	17	1.75
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	17	1.75
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	18	1.75
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	18	1.75
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	18	1.75
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	5	1.75
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	5	1.75
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	5	1.75
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	7	1.75
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	7	1.75
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	7	1.75
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB1	16	1.75
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB2	16	1.75
(1,140)	1:823:A:GLU:HA	1:826:A:ALA:HB3	16	1.75
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	18	1.75
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	18	1.75
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	18	1.75
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	7	1.75
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	7	1.75
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	7	1.75
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	16	1.75
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	16	1.75
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	16	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	19	1.75
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	19	1.75
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	19	1.75
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	13	1.75
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	13	1.75
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	13	1.75
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	9	1.75
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	9	1.75
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	9	1.75
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	9	1.75
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	9	1.75
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	9	1.75
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	11	1.75
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	11	1.75
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	11	1.75
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	18	1.75
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	18	1.75
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	18	1.75
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	5	1.75
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	5	1.75
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	5	1.75
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	5	1.75
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	5	1.75
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	5	1.75
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	11	1.75
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	11	1.75
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	11	1.75
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	11	1.75
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	11	1.75
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	11	1.75
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	1	1.75
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	1	1.75
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	1	1.75
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	2	1.75
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	2	1.75
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	2	1.75
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	5	1.74
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	5	1.74
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	5	1.74
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	5	1.74
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	5	1.74
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	5	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	16	1.74
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	16	1.74
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	7	1.74
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	7	1.74
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	12	1.74
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	12	1.74
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	12	1.74
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	12	1.74
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	15	1.74
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	15	1.74
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	15	1.74
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	15	1.74
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	8	1.74
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	8	1.74
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	12	1.74
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	12	1.74
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	12	1.74
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	12	1.74
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	13	1.74
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	13	1.74
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	13	1.74
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	13	1.74
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG3	14	1.74
(1,3334)	1:896:A:LEU:HA	1:899:A:GLN:HG2	14	1.74
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	3	1.74
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	3	1.74
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	3	1.74
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	3	1.74
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	15	1.74
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	15	1.74
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	19	1.74
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	19	1.74
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	19	1.74
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	19	1.74
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	19	1.74
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	19	1.74
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	13	1.74
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	13	1.74
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	16	1.74
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	16	1.74
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	15	1.74
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	15	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	11	1.74
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	11	1.74
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	11	1.74
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	11	1.74
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	1	1.74
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	1	1.74
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	20	1.74
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	20	1.74
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	15	1.74
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	15	1.74
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	8	1.74
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	8	1.74
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	11	1.74
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	11	1.74
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	1	1.74
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	1	1.74
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	1	1.74
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	1	1.74
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	14	1.74
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	14	1.74
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	14	1.74
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	14	1.74
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	1	1.74
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	1	1.74
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	4	1.74
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	4	1.74
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	13	1.74
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	13	1.74
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	17	1.74
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	17	1.74
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	18	1.74
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	18	1.74
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	18	1.74
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	18	1.74
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	18	1.74
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	18	1.74
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	13	1.74
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	13	1.74
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	1	1.74
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	1	1.74
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	19	1.74
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	19	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	19	1.74
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	19	1.74
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	7	1.74
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	7	1.74
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	15	1.74
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	15	1.74
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	14	1.74
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	19	1.74
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	6	1.74
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	16	1.74
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	16	1.74
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	16	1.74
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	7	1.74
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	7	1.74
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	7	1.74
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	10	1.74
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	10	1.74
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	10	1.74
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD22	11	1.74
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD23	11	1.74
(1,2886)	1:869:A:VAL:HA	1:873:A:LEU:HD21	11	1.74
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	1	1.74
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	1	1.74
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	1	1.74
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	8	1.74
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	8	1.74
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	8	1.74
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	12	1.74
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	12	1.74
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	12	1.74
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	16	1.74
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	16	1.74
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	16	1.74
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	16	1.74
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	16	1.74
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	16	1.74
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	16	1.74
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	16	1.74
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	16	1.74
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	14	1.74
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	14	1.74
(1,2822)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	14	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	2	1.74
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	2	1.74
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	2	1.74
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	18	1.74
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	18	1.74
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	18	1.74
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	1	1.74
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	1	1.74
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	1	1.74
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	3	1.74
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	3	1.74
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	3	1.74
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	8	1.74
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	8	1.74
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	8	1.74
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	9	1.74
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	9	1.74
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	9	1.74
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	9	1.74
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	9	1.74
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	9	1.74
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	9	1.74
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	9	1.74
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	9	1.74
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	18	1.74
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	18	1.74
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	18	1.74
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD11	13	1.74
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD12	13	1.74
(1,2785)	1:874:A:LEU:HA	1:920:A:LEU:HD13	13	1.74
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	19	1.74
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	19	1.74
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	19	1.74
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	9	1.74
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	9	1.74
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	9	1.74
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	1	1.74
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	1	1.74
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	1	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	2	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	2	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	2	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	3	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	3	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	3	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	10	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	10	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	10	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	11	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	11	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	11	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	16	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	16	1.74
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	16	1.74
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	15	1.74
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	10	1.74
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	10	1.74
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	10	1.74
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	15	1.74
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	15	1.74
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	15	1.74
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	2	1.74
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	2	1.74
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	2	1.74
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	12	1.74
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	12	1.74
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	12	1.74
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	10	1.74
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	10	1.74
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	10	1.74
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	4	1.74
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	9	1.74
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	9	1.74
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	9	1.74
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	9	1.74
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	15	1.74
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	15	1.74
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	15	1.74
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	17	1.74
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	17	1.74
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	17	1.74
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	10	1.74
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	10	1.74
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	10	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	11	1.74
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	11	1.74
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	11	1.74
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	11	1.74
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	1	1.74
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	1	1.74
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	1	1.74
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	14	1.74
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	14	1.74
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	15	1.74
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	15	1.74
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	19	1.74
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	19	1.74
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	14	1.74
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	14	1.74
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	19	1.74
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	19	1.74
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	13	1.74
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	13	1.74
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	1	1.74
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	1	1.74
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	1	1.74
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	1	1.74
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	6	1.74
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	6	1.74
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	6	1.74
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	6	1.74
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	19	1.74
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	19	1.74
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	19	1.74
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	19	1.74
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	13	1.74
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	13	1.74
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	17	1.74
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	17	1.74
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	14	1.74
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	14	1.74
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	13	1.74
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	13	1.74
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	12	1.74
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	9	1.74
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	9	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	9	1.74
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	9	1.74
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	9	1.74
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	9	1.74
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	1	1.74
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	1	1.74
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	4	1.74
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	4	1.74
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	20	1.74
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	20	1.74
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	3	1.74
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	3	1.74
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	3	1.74
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	3	1.74
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	8	1.74
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	8	1.74
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	8	1.74
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	8	1.74
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	6	1.74
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	6	1.74
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	6	1.74
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	6	1.74
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	6	1.74
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	6	1.74
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	1	1.74
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	1	1.74
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	1	1.74
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	1	1.74
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	1	1.74
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	1	1.74
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	13	1.74
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	13	1.74
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	13	1.74
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	13	1.74
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	13	1.74
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	13	1.74
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	10	1.74
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	10	1.74
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	2	1.74
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	2	1.74
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	9	1.74
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	9	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	12	1.74
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	12	1.74
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	10	1.74
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	10	1.74
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	10	1.74
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	11	1.74
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	11	1.74
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	11	1.74
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	15	1.74
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	15	1.74
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	1	1.74
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	1	1.74
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	1	1.74
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	4	1.74
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	4	1.74
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	4	1.74
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	6	1.74
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	6	1.74
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	6	1.74
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	10	1.74
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	10	1.74
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	10	1.74
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	12	1.74
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	12	1.74
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	12	1.74
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	6	1.74
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	6	1.74
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	6	1.74
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	1	1.74
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	1	1.74
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	10	1.74
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	10	1.74
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	19	1.74
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	19	1.74
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	17	1.74
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	17	1.74
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	17	1.74
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	6	1.74
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	6	1.74
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	4	1.74
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	18	1.74
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	20	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	7	1.74
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	7	1.74
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	7	1.74
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	16	1.74
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	16	1.74
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	18	1.74
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	18	1.74
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	6	1.74
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	6	1.74
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	2	1.74
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	2	1.74
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	2	1.74
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	15	1.74
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	15	1.74
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	15	1.74
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	3	1.74
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	11	1.74
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	11	1.74
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	20	1.74
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	20	1.74
(1,1671)	1:873:A:LEU:HD22	1:876:A:LEU:H	10	1.74
(1,1671)	1:873:A:LEU:HD23	1:876:A:LEU:H	10	1.74
(1,1671)	1:873:A:LEU:HD21	1:876:A:LEU:H	10	1.74
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	4	1.74
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	4	1.74
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	12	1.74
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	12	1.74
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	6	1.74
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	6	1.74
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	6	1.74
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG21	14	1.74
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG22	14	1.74
(1,1576)	1:869:A:VAL:H	1:869:A:VAL:HG23	14	1.74
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	14	1.74
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	14	1.74
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	10	1.74
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	13	1.74
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	13	1.74
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	14	1.74
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	14	1.74
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	8	1.74
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	8	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	8	1.74
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	1	1.74
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	1	1.74
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	12	1.74
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	12	1.74
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	12	1.74
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	14	1.74
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	14	1.74
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	14	1.74
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	17	1.74
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	17	1.74
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	17	1.74
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	7	1.74
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	9	1.74
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	12	1.74
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	19	1.74
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	18	1.74
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	5	1.74
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	5	1.74
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	5	1.74
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	6	1.74
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	6	1.74
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	6	1.74
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	13	1.74
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	13	1.74
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	13	1.74
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	15	1.74
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	15	1.74
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	15	1.74
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	8	1.74
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	8	1.74
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG2	18	1.74
(1,1248)	1:835:A:LYS:H	1:835:A:LYS:HG3	18	1.74
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	2	1.74
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	2	1.74
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	2	1.74
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	10	1.74
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	10	1.74
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	10	1.74
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	4	1.74
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	4	1.74
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	4	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	8	1.74
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	8	1.74
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	8	1.74
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	9	1.74
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	11	1.74
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	11	1.74
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	11	1.74
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	6	1.74
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	6	1.74
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	5	1.74
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	5	1.74
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	7	1.74
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	7	1.74
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	7	1.74
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	12	1.74
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	12	1.74
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	12	1.74
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	18	1.74
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	18	1.74
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	18	1.74
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	13	1.74
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	13	1.74
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	13	1.74
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	6	1.74
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	11	1.74
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	1	1.74
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	1	1.74
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	1	1.74
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	2	1.74
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	2	1.74
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	2	1.74
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	6	1.74
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	6	1.74
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	6	1.74
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	15	1.74
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	15	1.74
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	18	1.74
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	18	1.74
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	8	1.74
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	8	1.74
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	8	1.74
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	9	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	9	1.74
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	9	1.74
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	4	1.74
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	4	1.74
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	4	1.74
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	2	1.74
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	2	1.74
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	2	1.74
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	17	1.74
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	17	1.74
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	17	1.74
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	1	1.74
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	1	1.74
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	11	1.74
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	11	1.74
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	11	1.74
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	11	1.74
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	11	1.74
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	11	1.74
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	11	1.74
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	11	1.74
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	11	1.74
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	14	1.74
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	14	1.74
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	14	1.74
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	19	1.74
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	19	1.74
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	9	1.74
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	9	1.74
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	9	1.74
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	11	1.74
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	11	1.74
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	11	1.74
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD12	7	1.74
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD13	7	1.74
(1,569)	1:886:A:LEU:HD12	1:889:A:ILE:HD11	7	1.74
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD12	7	1.74
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD13	7	1.74
(1,569)	1:886:A:LEU:HD13	1:889:A:ILE:HD11	7	1.74
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD12	7	1.74
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD13	7	1.74
(1,569)	1:886:A:LEU:HD11	1:889:A:ILE:HD11	7	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	8	1.74
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	8	1.74
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	8	1.74
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	16	1.74
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	16	1.74
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	16	1.74
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	17	1.74
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB1	4	1.74
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB2	4	1.74
(1,517)	1:841:A:LEU:HD11	1:879:A:ALA:HB3	4	1.74
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB1	4	1.74
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB2	4	1.74
(1,517)	1:841:A:LEU:HD12	1:879:A:ALA:HB3	4	1.74
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB1	4	1.74
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB2	4	1.74
(1,517)	1:841:A:LEU:HD13	1:879:A:ALA:HB3	4	1.74
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	1	1.74
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	1	1.74
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	1	1.74
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	12	1.74
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	12	1.74
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	15	1.74
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	15	1.74
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	15	1.74
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	15	1.74
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	15	1.74
(1,465)	1:868:A:LEU:HD11	1:872:A:HIS:HA	6	1.74
(1,465)	1:868:A:LEU:HD12	1:872:A:HIS:HA	6	1.74
(1,465)	1:868:A:LEU:HD13	1:872:A:HIS:HA	6	1.74
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	12	1.74
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	12	1.74
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	10	1.74
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	5	1.74
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	19	1.74
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	20	1.74
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	20	1.74
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	1	1.74
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	1	1.74
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	1	1.74
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	5	1.74
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	5	1.74
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	5	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	20	1.74
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	7	1.74
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	7	1.74
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	7	1.74
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	15	1.74
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	15	1.74
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	15	1.74
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	10	1.74
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	10	1.74
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	10	1.74
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	8	1.74
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	8	1.74
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	8	1.74
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	8	1.74
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	8	1.74
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	8	1.74
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	8	1.74
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	8	1.74
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	8	1.74
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	15	1.74
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	15	1.74
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	15	1.74
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	15	1.74
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	15	1.74
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	15	1.74
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	15	1.74
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	15	1.74
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	15	1.74
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	20	1.74
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	20	1.74
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	20	1.74
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	20	1.74
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	20	1.74
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	20	1.74
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	20	1.74
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	20	1.74
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	20	1.74
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	4	1.74
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	4	1.74
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	4	1.74
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	7	1.74
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	7	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	7	1.74
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	5	1.74
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	5	1.74
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	5	1.74
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	14	1.74
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	14	1.74
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	14	1.74
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	1	1.74
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	1	1.74
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	1	1.74
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	12	1.74
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	12	1.74
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	12	1.74
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	15	1.74
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	15	1.74
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	15	1.74
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	20	1.74
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	20	1.74
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	13	1.74
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	13	1.74
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	13	1.74
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	15	1.74
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	15	1.74
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	15	1.74
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	5	1.74
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	5	1.74
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	5	1.74
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	5	1.74
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	5	1.74
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	5	1.74
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD21	4	1.74
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD22	4	1.74
(1,250)	1:837:A:LEU:HB3	1:837:A:LEU:HD23	4	1.74
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	1	1.74
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	1	1.74
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	1	1.74
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	15	1.74
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	15	1.74
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	15	1.74
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	19	1.74
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	19	1.74
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	19	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	8	1.74
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	2	1.74
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	2	1.74
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	2	1.74
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	3	1.74
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	3	1.74
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	3	1.74
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	3	1.74
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	3	1.74
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	3	1.74
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	9	1.74
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	9	1.74
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	9	1.74
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	9	1.74
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	9	1.74
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	9	1.74
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	9	1.74
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	9	1.74
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	9	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	5	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	5	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	5	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	6	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	6	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	6	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	8	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	8	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	8	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	10	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	10	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	10	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	20	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	20	1.74
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	20	1.74
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	3	1.74
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	3	1.74
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	3	1.74
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	10	1.74
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	10	1.74
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	10	1.74
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	8	1.74
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	5	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	5	1.74
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	15	1.74
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	15	1.74
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	15	1.74
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	15	1.74
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	15	1.74
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	15	1.74
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	15	1.74
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	15	1.74
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	15	1.74
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	14	1.74
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	14	1.74
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	14	1.74
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	15	1.74
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	15	1.74
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	15	1.74
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	20	1.74
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	20	1.74
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	20	1.74
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	10	1.74
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	10	1.74
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	10	1.74
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	3	1.74
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	3	1.74
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	3	1.74
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	6	1.74
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	6	1.74
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	6	1.74
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	2	1.74
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	2	1.74
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	2	1.74
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	10	1.74
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	10	1.74
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	10	1.74
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	10	1.74
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	10	1.74
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	10	1.74
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	10	1.74
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	10	1.74
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	10	1.74
(1,22)	1:800:A:ILE:HG22	1:800:A:ILE:HG12	18	1.74
(1,22)	1:800:A:ILE:HG23	1:800:A:ILE:HG12	18	1.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	1:800:A:ILE:HG21	1:800:A:ILE:HG12	18	1.74
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	6	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	6	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	6	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	6	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	6	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	6	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	7	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	7	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	7	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	7	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	7	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	7	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	8	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	8	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	8	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	8	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	8	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	8	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	9	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	9	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	9	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	9	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	9	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	9	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	19	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	19	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	19	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	19	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	19	1.73
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	19	1.73
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	3	1.73
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	3	1.73
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	15	1.73
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	15	1.73
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	13	1.73
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	13	1.73
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	11	1.73
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	11	1.73
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	11	1.73
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	11	1.73
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	11	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	11	1.73
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	7	1.73
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	7	1.73
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	14	1.73
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	14	1.73
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	14	1.73
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	14	1.73
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	14	1.73
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	14	1.73
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	1	1.73
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	1	1.73
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	11	1.73
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	11	1.73
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	20	1.73
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	20	1.73
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	1	1.73
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	1	1.73
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	9	1.73
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	9	1.73
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	2	1.73
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	2	1.73
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	13	1.73
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	13	1.73
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	13	1.73
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	13	1.73
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	5	1.73
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	5	1.73
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	14	1.73
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	14	1.73
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	6	1.73
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	6	1.73
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	16	1.73
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	16	1.73
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	7	1.73
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	7	1.73
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	7	1.73
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	7	1.73
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	7	1.73
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	7	1.73
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	5	1.73
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	5	1.73
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	5	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	5	1.73
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	17	1.73
(1,3128)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	17	1.73
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	17	1.73
(1,3128)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	17	1.73
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	7	1.73
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	7	1.73
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	7	1.73
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	7	1.73
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	7	1.73
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	7	1.73
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	10	1.73
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	10	1.73
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	10	1.73
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	10	1.73
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	10	1.73
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	10	1.73
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	18	1.73
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	18	1.73
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	18	1.73
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	18	1.73
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	18	1.73
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	18	1.73
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	17	1.73
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	17	1.73
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	3	1.73
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	3	1.73
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	3	1.73
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	3	1.73
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	15	1.73
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	15	1.73
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	15	1.73
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	15	1.73
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	4	1.73
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	4	1.73
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	9	1.73
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	9	1.73
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	18	1.73
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	18	1.73
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	17	1.73
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	17	1.73
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	5	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	5	1.73
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	2	1.73
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	2	1.73
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	2	1.73
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	2	1.73
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	2	1.73
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	2	1.73
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD2	19	1.73
(1,3039)	1:803:A:PRO:HG2	1:809:A:PHE:HD1	19	1.73
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD2	19	1.73
(1,3039)	1:803:A:PRO:HG3	1:809:A:PHE:HD1	19	1.73
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	6	1.73
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	6	1.73
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	17	1.73
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	17	1.73
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	17	1.73
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	17	1.73
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	7	1.73
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	7	1.73
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	7	1.73
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	4	1.73
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	1	1.73
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	14	1.73
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	20	1.73
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB1	2	1.73
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB2	2	1.73
(1,2936)	1:825:A:CYS:HB2	1:826:A:ALA:HB3	2	1.73
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	4	1.73
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	4	1.73
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	4	1.73
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	5	1.73
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	5	1.73
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	12	1.73
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	12	1.73
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	1	1.73
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	8	1.73
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	19	1.73
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	5	1.73
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	5	1.73
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	5	1.73
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	5	1.73
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	5	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	5	1.73
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD22	8	1.73
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD23	8	1.73
(1,2867)	1:924:A:TYR:HB3	1:926:A:LEU:HD21	8	1.73
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	8	1.73
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	8	1.73
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	8	1.73
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD23	11	1.73
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD21	11	1.73
(1,2842)	1:869:A:VAL:HG21	1:900:A:LEU:HD22	11	1.73
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD23	11	1.73
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD21	11	1.73
(1,2842)	1:869:A:VAL:HG22	1:900:A:LEU:HD22	11	1.73
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD23	11	1.73
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD21	11	1.73
(1,2842)	1:869:A:VAL:HG23	1:900:A:LEU:HD22	11	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	11	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	11	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	11	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	13	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	13	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	13	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	16	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	16	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	16	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	17	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	17	1.73
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	17	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	5	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	5	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	5	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	14	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	14	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	14	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	17	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	17	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	17	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	18	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	18	1.73
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	18	1.73
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	6	1.73
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	6	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	6	1.73
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	8	1.73
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	8	1.73
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	8	1.73
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	14	1.73
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	14	1.73
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	14	1.73
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	15	1.73
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	15	1.73
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	15	1.73
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	8	1.73
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	8	1.73
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	8	1.73
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	9	1.73
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	9	1.73
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	9	1.73
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	17	1.73
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	17	1.73
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	17	1.73
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	4	1.73
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	4	1.73
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	4	1.73
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	13	1.73
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	13	1.73
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	13	1.73
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	6	1.73
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	5	1.73
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	18	1.73
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	9	1.73
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	9	1.73
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	9	1.73
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	9	1.73
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	9	1.73
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	20	1.73
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	20	1.73
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	20	1.73
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	20	1.73
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	5	1.73
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	14	1.73
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	12	1.73
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	12	1.73
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	12	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	12	1.73
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	12	1.73
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	12	1.73
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	18	1.73
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	18	1.73
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	18	1.73
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	3	1.73
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	3	1.73
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	3	1.73
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	3	1.73
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	19	1.73
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	19	1.73
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	19	1.73
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	19	1.73
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	19	1.73
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	19	1.73
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	4	1.73
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	4	1.73
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	4	1.73
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	12	1.73
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	12	1.73
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	12	1.73
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	18	1.73
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	18	1.73
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	18	1.73
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	14	1.73
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	14	1.73
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	14	1.73
(1,2586)	1:901:A:PHE:HE2	1:921:A:LYS:HB3	6	1.73
(1,2586)	1:901:A:PHE:HE1	1:921:A:LYS:HB3	6	1.73
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	16	1.73
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	16	1.73
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	2	1.73
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	2	1.73
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	2	1.73
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	2	1.73
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	8	1.73
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	8	1.73
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	8	1.73
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	8	1.73
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	8	1.73
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	8	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	12	1.73
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	12	1.73
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	12	1.73
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	12	1.73
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	15	1.73
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	15	1.73
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	15	1.73
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	15	1.73
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	18	1.73
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	18	1.73
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	15	1.73
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	18	1.73
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	18	1.73
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	11	1.73
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	11	1.73
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	11	1.73
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	11	1.73
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	11	1.73
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	11	1.73
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	16	1.73
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	16	1.73
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	16	1.73
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	16	1.73
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	16	1.73
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	16	1.73
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	16	1.73
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	16	1.73
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	16	1.73
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	11	1.73
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	11	1.73
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	11	1.73
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	11	1.73
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	11	1.73
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	11	1.73
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	5	1.73
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	5	1.73
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	5	1.73
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	5	1.73
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	5	1.73
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	5	1.73
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	15	1.73
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	15	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	15	1.73
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	15	1.73
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	15	1.73
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	15	1.73
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	7	1.73
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	7	1.73
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	7	1.73
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	7	1.73
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	7	1.73
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	7	1.73
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	7	1.73
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	7	1.73
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	7	1.73
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	7	1.73
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	7	1.73
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	7	1.73
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	9	1.73
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	9	1.73
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	9	1.73
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	9	1.73
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	9	1.73
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	9	1.73
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	6	1.73
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	6	1.73
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	6	1.73
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	6	1.73
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	6	1.73
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	6	1.73
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	8	1.73
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	8	1.73
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	8	1.73
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	8	1.73
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	8	1.73
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	8	1.73
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	5	1.73
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	5	1.73
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	17	1.73
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	17	1.73
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	4	1.73
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	4	1.73
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	4	1.73
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	4	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	4	1.73
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	4	1.73
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	4	1.73
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	4	1.73
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	4	1.73
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	4	1.73
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	12	1.73
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	12	1.73
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	4	1.73
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	4	1.73
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	4	1.73
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	4	1.73
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	4	1.73
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	4	1.73
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	20	1.73
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	20	1.73
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	12	1.73
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	12	1.73
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	8	1.73
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	8	1.73
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	7	1.73
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	7	1.73
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	14	1.73
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	14	1.73
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	14	1.73
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	8	1.73
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	8	1.73
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	8	1.73
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	16	1.73
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	16	1.73
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	16	1.73
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	17	1.73
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	17	1.73
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	17	1.73
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	11	1.73
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	11	1.73
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	10	1.73
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	4	1.73
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	4	1.73
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	4	1.73
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	19	1.73
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	19	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	19	1.73
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	16	1.73
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	16	1.73
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	16	1.73
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	9	1.73
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	9	1.73
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	14	1.73
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	15	1.73
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	15	1.73
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	15	1.73
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	15	1.73
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	16	1.73
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	19	1.73
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	3	1.73
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	3	1.73
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	3	1.73
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	9	1.73
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	9	1.73
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	9	1.73
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	10	1.73
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	10	1.73
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	18	1.73
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	2	1.73
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	2	1.73
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	10	1.73
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	10	1.73
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	19	1.73
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	19	1.73
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	9	1.73
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	9	1.73
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	10	1.73
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	10	1.73
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	9	1.73
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	9	1.73
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	20	1.73
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	20	1.73
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	20	1.73
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	5	1.73
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	5	1.73
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	5	1.73
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	4	1.73
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	4	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	7	1.73
(1,1535)	1:861:A:LEU:HD11	1:865:A:ASP:H	16	1.73
(1,1535)	1:861:A:LEU:HD12	1:865:A:ASP:H	16	1.73
(1,1535)	1:861:A:LEU:HD13	1:865:A:ASP:H	16	1.73
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	2	1.73
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	2	1.73
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	6	1.73
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	4	1.73
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	4	1.73
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	4	1.73
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	13	1.73
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	13	1.73
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	13	1.73
(1,1287)	1:806:A:ALA:HB1	1:840:A:PHE:H	18	1.73
(1,1287)	1:806:A:ALA:HB2	1:840:A:PHE:H	18	1.73
(1,1287)	1:806:A:ALA:HB3	1:840:A:PHE:H	18	1.73
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	4	1.73
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	4	1.73
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	4	1.73
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	15	1.73
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	15	1.73
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	15	1.73
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	8	1.73
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	8	1.73
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	16	1.73
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	19	1.73
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	19	1.73
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	19	1.73
(1,993)	1:809:A:PHE:HB2	1:810:A:GLY:H	14	1.73
(1,993)	1:809:A:PHE:HB3	1:810:A:GLY:H	14	1.73
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	13	1.73
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	13	1.73
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	13	1.73
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	17	1.73
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	17	1.73
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	17	1.73
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	20	1.73
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	20	1.73
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	20	1.73
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	15	1.73
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	15	1.73
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	20	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	20	1.73
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	20	1.73
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	20	1.73
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	20	1.73
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	15	1.73
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	15	1.73
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	15	1.73
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	15	1.73
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	15	1.73
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	17	1.73
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	17	1.73
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	9	1.73
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	9	1.73
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	15	1.73
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	15	1.73
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	15	1.73
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	5	1.73
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	5	1.73
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	7	1.73
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	7	1.73
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	16	1.73
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	16	1.73
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	16	1.73
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	6	1.73
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	6	1.73
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	6	1.73
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	6	1.73
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	6	1.73
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	6	1.73
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	6	1.73
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	6	1.73
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	6	1.73
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	6	1.73
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	6	1.73
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	6	1.73
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	6	1.73
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	6	1.73
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	3	1.73
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	4	1.73
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	4	1.73
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	10	1.73
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	10	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	10	1.73
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	11	1.73
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	11	1.73
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	11	1.73
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD22	2	1.73
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD23	2	1.73
(1,677)	1:898:A:GLU:HB2	1:926:A:LEU:HD21	2	1.73
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD22	2	1.73
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD23	2	1.73
(1,677)	1:898:A:GLU:HB3	1:926:A:LEU:HD21	2	1.73
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	1	1.73
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	1	1.73
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	1	1.73
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	1	1.73
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	1	1.73
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	1	1.73
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	18	1.73
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	18	1.73
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	18	1.73
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	18	1.73
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	18	1.73
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	18	1.73
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	18	1.73
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	18	1.73
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	18	1.73
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	4	1.73
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	4	1.73
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	4	1.73
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	9	1.73
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	9	1.73
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	9	1.73
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	20	1.73
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	20	1.73
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	20	1.73
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	3	1.73
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	3	1.73
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	10	1.73
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	10	1.73
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	10	1.73
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	12	1.73
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	12	1.73
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	12	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	18	1.73
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	18	1.73
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	18	1.73
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	20	1.73
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	20	1.73
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	20	1.73
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	20	1.73
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	20	1.73
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	20	1.73
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	20	1.73
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	20	1.73
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	20	1.73
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	6	1.73
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	20	1.73
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	20	1.73
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	20	1.73
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	20	1.73
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	20	1.73
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	20	1.73
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	14	1.73
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	14	1.73
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	14	1.73
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	1	1.73
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	1	1.73
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	1	1.73
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	19	1.73
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	19	1.73
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	19	1.73
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	8	1.73
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	8	1.73
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	8	1.73
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	14	1.73
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	17	1.73
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	16	1.73
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	16	1.73
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	5	1.73
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	17	1.73
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	17	1.73
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	17	1.73
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	12	1.73
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	13	1.73
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	6	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	6	1.73
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	6	1.73
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	1	1.73
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	1	1.73
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	1	1.73
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	13	1.73
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	13	1.73
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	13	1.73
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	10	1.73
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	10	1.73
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	10	1.73
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	10	1.73
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	10	1.73
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	10	1.73
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	3	1.73
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	3	1.73
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	4	1.73
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	4	1.73
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	4	1.73
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	5	1.73
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	5	1.73
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	5	1.73
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	8	1.73
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	8	1.73
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	8	1.73
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	10	1.73
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	10	1.73
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	10	1.73
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD2	18	1.73
(1,233)	1:833:A:ALA:HB3	1:834:A:PRO:HD3	18	1.73
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD2	18	1.73
(1,233)	1:833:A:ALA:HB1	1:834:A:PRO:HD3	18	1.73
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD2	18	1.73
(1,233)	1:833:A:ALA:HB2	1:834:A:PRO:HD3	18	1.73
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	20	1.73
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	20	1.73
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	20	1.73
(1,216)	1:829:A:LEU:HA	1:832:A:THR:HB	2	1.73
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	1	1.73
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	1	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	7	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	7	1.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	7	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	11	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	11	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	11	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	12	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	12	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	12	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	14	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	14	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	14	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	15	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	15	1.73
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	15	1.73
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	18	1.73
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	18	1.73
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	18	1.73
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	9	1.73
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	9	1.73
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	9	1.73
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	14	1.73
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	14	1.73
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	14	1.73
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	14	1.73
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	14	1.73
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	14	1.73
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	14	1.73
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	14	1.73
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	14	1.73
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	11	1.73
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	11	1.73
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	11	1.73
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	11	1.73
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	11	1.73
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	11	1.73
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	17	1.73
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	17	1.73
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	17	1.73
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	16	1.73
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	4	1.73
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	4	1.73
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	4	1.73
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	13	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	13	1.72
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	13	1.72
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	13	1.72
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	13	1.72
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	13	1.72
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	16	1.72
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	16	1.72
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	16	1.72
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	16	1.72
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	16	1.72
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	16	1.72
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	7	1.72
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	7	1.72
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	13	1.72
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	13	1.72
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	14	1.72
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	14	1.72
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	13	1.72
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	13	1.72
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	4	1.72
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	4	1.72
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	4	1.72
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	4	1.72
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	4	1.72
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	4	1.72
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	18	1.72
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	18	1.72
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	18	1.72
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	18	1.72
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	18	1.72
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	18	1.72
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	5	1.72
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	5	1.72
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	5	1.72
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	5	1.72
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	11	1.72
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	11	1.72
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	11	1.72
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	11	1.72
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	16	1.72
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	16	1.72
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	16	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	16	1.72
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	13	1.72
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	13	1.72
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	13	1.72
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	13	1.72
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	18	1.72
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	18	1.72
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	1	1.72
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	1	1.72
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	12	1.72
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	12	1.72
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	14	1.72
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	14	1.72
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	7	1.72
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	7	1.72
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	7	1.72
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	7	1.72
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	7	1.72
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	7	1.72
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	5	1.72
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	5	1.72
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	5	1.72
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	5	1.72
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	4	1.72
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	4	1.72
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	4	1.72
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	4	1.72
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	4	1.72
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	4	1.72
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	7	1.72
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	7	1.72
(1,3218)	1:857:A:LEU:HB3	1:858:A:LYS:H	4	1.72
(1,3218)	1:857:A:LEU:HB2	1:858:A:LYS:H	4	1.72
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB2	11	1.72
(1,3146)	1:841:A:LEU:HA	1:845:A:LEU:HB3	11	1.72
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	6	1.72
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	6	1.72
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	6	1.72
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	6	1.72
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	6	1.72
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	6	1.72
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	15	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	15	1.72
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	13	1.72
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	13	1.72
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	13	1.72
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	13	1.72
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	19	1.72
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	19	1.72
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	19	1.72
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	19	1.72
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	8	1.72
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	8	1.72
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	1	1.72
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	1	1.72
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	6	1.72
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	6	1.72
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	13	1.72
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	13	1.72
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	6	1.72
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	6	1.72
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	6	1.72
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	2	1.72
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	19	1.72
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	8	1.72
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	20	1.72
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	20	1.72
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	18	1.72
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	18	1.72
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	18	1.72
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	7	1.72
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	7	1.72
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	7	1.72
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	18	1.72
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	18	1.72
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	18	1.72
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	7	1.72
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	7	1.72
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	7	1.72
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD11	16	1.72
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD12	16	1.72
(1,2815)	1:837:A:LEU:HB3	1:837:A:LEU:HD13	16	1.72
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	5	1.72
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	5	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	5	1.72
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	16	1.72
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	16	1.72
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	16	1.72
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	17	1.72
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	17	1.72
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	17	1.72
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	20	1.72
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	20	1.72
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	20	1.72
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	14	1.72
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	14	1.72
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	14	1.72
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	14	1.72
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	14	1.72
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	14	1.72
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	14	1.72
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	14	1.72
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	14	1.72
(1,2801)	1:873:A:LEU:HD11	1:900:A:LEU:HB3	19	1.72
(1,2801)	1:873:A:LEU:HD12	1:900:A:LEU:HB3	19	1.72
(1,2801)	1:873:A:LEU:HD13	1:900:A:LEU:HB3	19	1.72
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	13	1.72
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	13	1.72
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	13	1.72
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	17	1.72
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	17	1.72
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	17	1.72
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	7	1.72
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	7	1.72
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	10	1.72
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	10	1.72
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	16	1.72
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	16	1.72
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	16	1.72
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	3	1.72
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	3	1.72
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	3	1.72
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	6	1.72
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	6	1.72
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	6	1.72
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	14	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	14	1.72
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	14	1.72
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	4	1.72
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	4	1.72
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	4	1.72
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD11	14	1.72
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD12	14	1.72
(1,2757)	1:813:A:ILE:HA	1:813:A:ILE:HD13	14	1.72
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	14	1.72
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	14	1.72
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	14	1.72
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	14	1.72
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	14	1.72
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	10	1.72
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	15	1.72
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	14	1.72
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	14	1.72
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	14	1.72
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	7	1.72
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	7	1.72
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	7	1.72
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	7	1.72
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	7	1.72
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	7	1.72
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	20	1.72
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	20	1.72
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	20	1.72
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	20	1.72
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	20	1.72
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	20	1.72
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	13	1.72
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	13	1.72
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	13	1.72
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	13	1.72
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	13	1.72
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	13	1.72
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	8	1.72
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	8	1.72
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	8	1.72
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	17	1.72
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	1	1.72
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	1	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	1	1.72
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	7	1.72
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	7	1.72
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	6	1.72
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	6	1.72
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	6	1.72
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	6	1.72
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	13	1.72
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	13	1.72
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	13	1.72
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	13	1.72
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	9	1.72
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	9	1.72
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	9	1.72
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	9	1.72
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	2	1.72
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	2	1.72
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	6	1.72
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	6	1.72
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE1	11	1.72
(1,2485)	1:836:A:ASP:HB3	1:840:A:PHE:HE2	11	1.72
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	7	1.72
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	7	1.72
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	1	1.72
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	1	1.72
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	19	1.72
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	19	1.72
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	20	1.72
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	20	1.72
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	14	1.72
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	14	1.72
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	12	1.72
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	12	1.72
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	12	1.72
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	12	1.72
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	12	1.72
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	12	1.72
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	7	1.72
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	7	1.72
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	7	1.72
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	7	1.72
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	7	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	7	1.72
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	13	1.72
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	13	1.72
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	13	1.72
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	13	1.72
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	13	1.72
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	13	1.72
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	20	1.72
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	20	1.72
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	20	1.72
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	20	1.72
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	20	1.72
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	20	1.72
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	16	1.72
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	16	1.72
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	16	1.72
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	16	1.72
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	16	1.72
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	16	1.72
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	6	1.72
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	6	1.72
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	6	1.72
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	16	1.72
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	16	1.72
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	20	1.72
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	20	1.72
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	10	1.72
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	10	1.72
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	11	1.72
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	11	1.72
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	11	1.72
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	11	1.72
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	11	1.72
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	11	1.72
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	1	1.72
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	1	1.72
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	1	1.72
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	1	1.72
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	12	1.72
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	12	1.72
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	12	1.72
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	12	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	8	1.72
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	8	1.72
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	8	1.72
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	8	1.72
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	8	1.72
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	8	1.72
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	12	1.72
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	12	1.72
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	12	1.72
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	12	1.72
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	12	1.72
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	12	1.72
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	3	1.72
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	3	1.72
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	13	1.72
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	13	1.72
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	16	1.72
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	16	1.72
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	14	1.72
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	14	1.72
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	14	1.72
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	14	1.72
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	14	1.72
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	14	1.72
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	1	1.72
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	1	1.72
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	6	1.72
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	6	1.72
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	6	1.72
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	6	1.72
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	6	1.72
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	6	1.72
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	13	1.72
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	13	1.72
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	13	1.72
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	6	1.72
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	6	1.72
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	5	1.72
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	5	1.72
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	9	1.72
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	9	1.72
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	9	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	12	1.72
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	12	1.72
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	12	1.72
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	3	1.72
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	3	1.72
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	3	1.72
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	15	1.72
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	15	1.72
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	15	1.72
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	3	1.72
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	3	1.72
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	3	1.72
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	10	1.72
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	10	1.72
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	3	1.72
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	3	1.72
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	9	1.72
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	9	1.72
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB2	18	1.72
(1,1657)	1:875:A:TYR:H	1:875:A:TYR:HB3	18	1.72
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	10	1.72
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	10	1.72
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	5	1.72
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	5	1.72
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	11	1.72
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	11	1.72
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	11	1.72
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	16	1.72
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	16	1.72
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	18	1.72
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	18	1.72
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	17	1.72
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	19	1.72
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	19	1.72
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	5	1.72
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	14	1.72
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	14	1.72
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	14	1.72
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	2	1.72
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	2	1.72
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	13	1.72
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	13	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	14	1.72
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	14	1.72
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	7	1.72
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	7	1.72
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	7	1.72
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	13	1.72
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	13	1.72
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	16	1.72
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	16	1.72
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	10	1.72
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	12	1.72
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	12	1.72
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	12	1.72
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	6	1.72
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	11	1.72
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	11	1.72
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	2	1.72
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	8	1.72
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	11	1.72
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	16	1.72
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	5	1.72
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	5	1.72
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	5	1.72
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	16	1.72
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	16	1.72
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD11	13	1.72
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD12	13	1.72
(1,859)	1:924:A:TYR:HB2	1:926:A:LEU:HD13	13	1.72
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	11	1.72
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	11	1.72
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	11	1.72
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	12	1.72
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	12	1.72
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	12	1.72
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	12	1.72
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	12	1.72
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	12	1.72
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	12	1.72
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	12	1.72
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	12	1.72
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	3	1.72
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	3	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	3	1.72
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	3	1.72
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	3	1.72
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	3	1.72
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	11	1.72
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	11	1.72
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	11	1.72
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	2	1.72
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	2	1.72
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	2	1.72
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	8	1.72
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	8	1.72
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	8	1.72
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	3	1.72
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	3	1.72
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	3	1.72
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	7	1.72
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	7	1.72
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	7	1.72
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	1	1.72
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	1	1.72
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	16	1.72
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	16	1.72
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	16	1.72
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	7	1.72
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	5	1.72
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	5	1.72
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	5	1.72
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	5	1.72
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	5	1.72
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	5	1.72
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	12	1.72
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	12	1.72
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	12	1.72
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	12	1.72
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	12	1.72
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	12	1.72
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	1	1.72
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	1	1.72
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	14	1.72
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	14	1.72
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	11	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	11	1.72
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	11	1.72
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	11	1.72
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	11	1.72
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	11	1.72
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	15	1.72
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	15	1.72
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	15	1.72
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	13	1.72
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	13	1.72
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	13	1.72
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	18	1.72
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	18	1.72
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	18	1.72
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	18	1.72
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	18	1.72
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	18	1.72
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	19	1.72
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	19	1.72
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	19	1.72
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	19	1.72
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	19	1.72
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	19	1.72
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	2	1.72
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	2	1.72
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	2	1.72
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	2	1.72
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	2	1.72
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	2	1.72
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	2	1.72
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	2	1.72
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	2	1.72
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	14	1.72
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	14	1.72
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	1	1.72
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	1	1.72
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	1	1.72
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	19	1.72
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	19	1.72
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	19	1.72
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	14	1.72
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	14	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	14	1.72
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	14	1.72
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	14	1.72
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	14	1.72
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	14	1.72
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	14	1.72
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	14	1.72
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	18	1.72
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	18	1.72
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	18	1.72
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	18	1.72
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	18	1.72
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	18	1.72
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	18	1.72
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	18	1.72
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	18	1.72
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	12	1.72
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	12	1.72
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	12	1.72
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	12	1.72
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	12	1.72
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	12	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	4	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	4	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	4	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	5	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	5	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	5	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	12	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	12	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	12	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	18	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	18	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	18	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	19	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	19	1.72
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	19	1.72
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	12	1.72
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	12	1.72
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	12	1.72
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	12	1.72
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	12	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	12	1.72
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	12	1.72
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	12	1.72
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	12	1.72
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	19	1.72
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	19	1.72
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	19	1.72
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	4	1.72
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	4	1.72
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	4	1.72
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	4	1.72
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	4	1.72
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	4	1.72
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	8	1.72
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	8	1.72
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	8	1.72
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	8	1.72
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	8	1.72
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	8	1.72
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	16	1.72
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	16	1.72
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	16	1.72
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	16	1.72
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	16	1.72
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	16	1.72
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	2	1.72
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	2	1.72
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	2	1.72
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	15	1.72
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	15	1.72
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	15	1.72
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	17	1.72
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	17	1.72
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	17	1.72
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	19	1.72
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	19	1.72
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	19	1.72
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	6	1.72
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	6	1.72
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	8	1.72
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	13	1.72
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	13	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	13	1.72
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	15	1.72
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	15	1.72
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	15	1.72
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	7	1.72
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	14	1.72
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	5	1.72
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	5	1.72
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	5	1.72
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	16	1.72
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	16	1.72
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	16	1.72
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	16	1.72
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	16	1.72
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	16	1.72
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	16	1.72
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	16	1.72
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	16	1.72
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	17	1.72
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	17	1.72
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	17	1.72
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	17	1.72
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	17	1.72
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	17	1.72
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	17	1.72
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	17	1.72
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	17	1.72
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	8	1.72
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	8	1.72
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	8	1.72
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	4	1.72
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	4	1.72
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	4	1.72
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	16	1.72
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	16	1.72
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	16	1.72
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	16	1.72
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	16	1.72
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	16	1.72
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	18	1.72
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	18	1.72
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	18	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	8	1.72
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	8	1.72
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD22	19	1.72
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD23	19	1.72
(1,267)	1:809:A:PHE:HZ	1:841:A:LEU:HD21	19	1.72
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	14	1.72
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	14	1.72
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	14	1.72
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	18	1.72
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	18	1.72
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	18	1.72
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	7	1.72
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	7	1.72
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	7	1.72
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	3	1.72
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	7	1.72
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	20	1.72
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	15	1.72
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	15	1.72
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	15	1.72
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	5	1.72
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	5	1.72
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	5	1.72
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	5	1.72
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	5	1.72
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	5	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	2	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	2	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	2	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	3	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	3	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	3	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	13	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	13	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	13	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	19	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	19	1.72
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	19	1.72
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	13	1.72
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	13	1.72
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	13	1.72
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	17	1.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	17	1.72
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	17	1.72
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	4	1.72
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	4	1.72
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	4	1.72
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	9	1.72
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	9	1.72
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	15	1.72
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	15	1.72
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	15	1.72
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	13	1.72
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	13	1.72
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	13	1.72
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	17	1.72
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	17	1.72
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	17	1.72
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	12	1.72
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	14	1.72
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	6	1.71
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	6	1.71
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	18	1.71
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	18	1.71
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	6	1.71
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	6	1.71
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	7	1.71
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	7	1.71
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	7	1.71
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	7	1.71
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	7	1.71
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	7	1.71
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	7	1.71
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	7	1.71
(1,3358)	1:909:A:ASN:HB2	1:911:A:HIS:H	13	1.71
(1,3358)	1:909:A:ASN:HB3	1:911:A:HIS:H	13	1.71
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	1	1.71
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	1	1.71
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	1	1.71
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	1	1.71
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	4	1.71
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	4	1.71
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	14	1.71
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	14	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	15	1.71
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	15	1.71
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	10	1.71
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	10	1.71
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	1	1.71
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	1	1.71
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	1	1.71
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	1	1.71
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	1	1.71
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	1	1.71
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	20	1.71
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	20	1.71
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	19	1.71
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	19	1.71
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	19	1.71
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	19	1.71
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	19	1.71
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	19	1.71
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	2	1.71
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	2	1.71
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	15	1.71
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	15	1.71
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	1	1.71
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	1	1.71
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	8	1.71
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	8	1.71
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	11	1.71
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	11	1.71
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	10	1.71
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	10	1.71
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	16	1.71
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	16	1.71
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	17	1.71
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	17	1.71
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	17	1.71
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	17	1.71
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	12	1.71
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	12	1.71
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	12	1.71
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	12	1.71
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	12	1.71
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	12	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	6	1.71
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	6	1.71
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	12	1.71
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	12	1.71
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	6	1.71
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	6	1.71
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	6	1.71
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	6	1.71
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	2	1.71
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	2	1.71
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	20	1.71
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	20	1.71
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	8	1.71
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	8	1.71
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	3	1.71
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	15	1.71
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	20	1.71
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	2	1.71
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	13	1.71
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	2	1.71
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	2	1.71
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	2	1.71
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	16	1.71
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	16	1.71
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	16	1.71
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	20	1.71
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	20	1.71
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	20	1.71
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	10	1.71
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	10	1.71
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	10	1.71
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	10	1.71
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	10	1.71
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	10	1.71
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	9	1.71
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	9	1.71
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	9	1.71
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	8	1.71
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	8	1.71
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	8	1.71
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	18	1.71
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	18	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	18	1.71
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	18	1.71
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	18	1.71
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	18	1.71
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	18	1.71
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	18	1.71
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	18	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	2	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	2	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	2	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	4	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	4	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	4	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	9	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	9	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	9	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	10	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	10	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	10	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	18	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	18	1.71
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	18	1.71
(1,2810)	1:896:A:LEU:HD21	1:899:A:GLN:HB2	10	1.71
(1,2810)	1:896:A:LEU:HD22	1:899:A:GLN:HB2	10	1.71
(1,2810)	1:896:A:LEU:HD23	1:899:A:GLN:HB2	10	1.71
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	16	1.71
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	16	1.71
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	16	1.71
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	16	1.71
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	16	1.71
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	16	1.71
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	16	1.71
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	16	1.71
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	16	1.71
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	10	1.71
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	10	1.71
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	10	1.71
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	12	1.71
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	12	1.71
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	12	1.71
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	13	1.71
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	13	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	2	1.71
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	2	1.71
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	12	1.71
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	12	1.71
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	1	1.71
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	1	1.71
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	16	1.71
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	16	1.71
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	11	1.71
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	11	1.71
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	11	1.71
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	15	1.71
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	15	1.71
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	15	1.71
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	1	1.71
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	1	1.71
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	1	1.71
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	7	1.71
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	19	1.71
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	15	1.71
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	15	1.71
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	15	1.71
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	7	1.71
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	7	1.71
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	7	1.71
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	12	1.71
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	12	1.71
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	12	1.71
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	16	1.71
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	16	1.71
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	16	1.71
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	18	1.71
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	1	1.71
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	1	1.71
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	15	1.71
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	15	1.71
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	15	1.71
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	15	1.71
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	1	1.71
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	8	1.71
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	8	1.71
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	19	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	19	1.71
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	14	1.71
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	14	1.71
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	14	1.71
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	14	1.71
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	20	1.71
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	20	1.71
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	20	1.71
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	20	1.71
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	1	1.71
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	1	1.71
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	6	1.71
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	6	1.71
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	3	1.71
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	3	1.71
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	7	1.71
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	7	1.71
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	17	1.71
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	17	1.71
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	4	1.71
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	4	1.71
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	3	1.71
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	3	1.71
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	4	1.71
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	4	1.71
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	1	1.71
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	1	1.71
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	1	1.71
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	1	1.71
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	1	1.71
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	1	1.71
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	2	1.71
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	2	1.71
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	10	1.71
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	10	1.71
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	15	1.71
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	15	1.71
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	17	1.71
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	17	1.71
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	19	1.71
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	19	1.71
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	19	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	19	1.71
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	19	1.71
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	19	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	11	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	11	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	11	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	11	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	11	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	11	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	14	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	14	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	14	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	14	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	14	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	14	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	20	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	20	1.71
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	20	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	20	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	20	1.71
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	20	1.71
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	15	1.71
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	15	1.71
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	15	1.71
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	1	1.71
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	1	1.71
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	1	1.71
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	1	1.71
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	1	1.71
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	1	1.71
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	12	1.71
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	12	1.71
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	12	1.71
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	12	1.71
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	12	1.71
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	12	1.71
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	12	1.71
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	12	1.71
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	12	1.71
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	17	1.71
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	17	1.71
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	17	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	17	1.71
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	17	1.71
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	17	1.71
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	16	1.71
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	16	1.71
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	16	1.71
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	16	1.71
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	16	1.71
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	16	1.71
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	19	1.71
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	19	1.71
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	1	1.71
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	1	1.71
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	9	1.71
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	9	1.71
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	9	1.71
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	9	1.71
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	8	1.71
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	8	1.71
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	8	1.71
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	8	1.71
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	8	1.71
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	8	1.71
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	20	1.71
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	20	1.71
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	19	1.71
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	19	1.71
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	19	1.71
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	19	1.71
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	2	1.71
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	2	1.71
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	2	1.71
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	2	1.71
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	2	1.71
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	2	1.71
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	15	1.71
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	15	1.71
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	17	1.71
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	17	1.71
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD11	5	1.71
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD12	5	1.71
(1,2279)	1:870:A:TYR:HE2	1:917:A:ILE:HD13	5	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD11	5	1.71
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD12	5	1.71
(1,2279)	1:870:A:TYR:HE1	1:917:A:ILE:HD13	5	1.71
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	1	1.71
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	1	1.71
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	8	1.71
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	8	1.71
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	7	1.71
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	7	1.71
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	4	1.71
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	4	1.71
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	4	1.71
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	7	1.71
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	7	1.71
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	7	1.71
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	14	1.71
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	14	1.71
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	14	1.71
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	3	1.71
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	10	1.71
(1,2198)	1:923:A:GLN:HA	1:923:A:GLN:HE21	19	1.71
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	8	1.71
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	8	1.71
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	17	1.71
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	17	1.71
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	3	1.71
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	3	1.71
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	11	1.71
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	1	1.71
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	1	1.71
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	1	1.71
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	2	1.71
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	2	1.71
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	2	1.71
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	14	1.71
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	14	1.71
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	14	1.71
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	8	1.71
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	8	1.71
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	17	1.71
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	17	1.71
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	8	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	8	1.71
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	8	1.71
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	8	1.71
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	16	1.71
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	16	1.71
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	2	1.71
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	2	1.71
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	4	1.71
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	4	1.71
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	16	1.71
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	16	1.71
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	5	1.71
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	5	1.71
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	14	1.71
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	14	1.71
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	5	1.71
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	5	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	13	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	13	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	13	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	14	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	14	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	14	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	15	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	15	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	15	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	18	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	18	1.71
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	18	1.71
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	20	1.71
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	20	1.71
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	10	1.71
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	10	1.71
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	3	1.71
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	4	1.71
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	4	1.71
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	16	1.71
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	16	1.71
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	13	1.71
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	13	1.71
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	6	1.71
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	16	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	16	1.71
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	11	1.71
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	2	1.71
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	2	1.71
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	2	1.71
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	12	1.71
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	12	1.71
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	10	1.71
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	10	1.71
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	13	1.71
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	13	1.71
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	6	1.71
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	6	1.71
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	20	1.71
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	20	1.71
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	11	1.71
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	11	1.71
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	11	1.71
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	14	1.71
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	14	1.71
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	1	1.71
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB1	10	1.71
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB2	10	1.71
(1,952)	1:806:A:ALA:H	1:806:A:ALA:HB3	10	1.71
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	11	1.71
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	11	1.71
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	12	1.71
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG22	18	1.71
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG23	18	1.71
(1,911)	1:802:A:LYS:H	1:831:A:ILE:HG21	18	1.71
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	20	1.71
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	20	1.71
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	20	1.71
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	8	1.71
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	8	1.71
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	15	1.71
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	15	1.71
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	16	1.71
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	16	1.71
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	16	1.71
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	16	1.71
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	16	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	16	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	5	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	5	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	5	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	12	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	12	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	12	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	14	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	14	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	14	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	17	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	17	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	17	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	18	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	18	1.71
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	18	1.71
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	2	1.71
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	2	1.71
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	2	1.71
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	8	1.71
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	8	1.71
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	8	1.71
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	20	1.71
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	20	1.71
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	20	1.71
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	9	1.71
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	9	1.71
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	9	1.71
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	14	1.71
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	14	1.71
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	14	1.71
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	5	1.71
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	5	1.71
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	5	1.71
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	11	1.71
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	11	1.71
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	11	1.71
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	13	1.71
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	13	1.71
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	11	1.71
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	11	1.71
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	11	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	8	1.71
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	8	1.71
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	8	1.71
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	16	1.71
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	16	1.71
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	16	1.71
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	17	1.71
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	17	1.71
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	17	1.71
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	12	1.71
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	12	1.71
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	15	1.71
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	15	1.71
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD11	4	1.71
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD12	4	1.71
(1,753)	1:904:A:LEU:HB2	1:917:A:ILE:HD13	4	1.71
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	18	1.71
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	19	1.71
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	19	1.71
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	13	1.71
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	13	1.71
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	13	1.71
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	9	1.71
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	9	1.71
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	9	1.71
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	14	1.71
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	14	1.71
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	14	1.71
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	4	1.71
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	4	1.71
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	4	1.71
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	4	1.71
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	4	1.71
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	4	1.71
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	4	1.71
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	6	1.71
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	6	1.71
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	6	1.71
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	6	1.71
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	6	1.71
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	6	1.71
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	19	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	19	1.71
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	19	1.71
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	19	1.71
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	19	1.71
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	19	1.71
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	19	1.71
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	19	1.71
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	19	1.71
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	8	1.71
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	19	1.71
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	19	1.71
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	19	1.71
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	3	1.71
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	3	1.71
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	3	1.71
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	16	1.71
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	10	1.71
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	10	1.71
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	10	1.71
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	8	1.71
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	8	1.71
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	6	1.71
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	6	1.71
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	3	1.71
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	3	1.71
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	3	1.71
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	17	1.71
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	17	1.71
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	17	1.71
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	18	1.71
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	18	1.71
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	18	1.71
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	11	1.71
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	11	1.71
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	11	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	2	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	2	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	2	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	2	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	2	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	2	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	2	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	2	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	2	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	3	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	3	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	3	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	3	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	3	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	3	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	3	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	3	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	3	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	4	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	4	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	4	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	4	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	4	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	4	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	4	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	4	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	4	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	6	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	6	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	6	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	6	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	6	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	6	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	6	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	6	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	6	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	9	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	9	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	9	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	9	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	9	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	9	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	9	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	9	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	9	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	11	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	11	1.71
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	11	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	11	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	11	1.71
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	11	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	11	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	11	1.71
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	11	1.71
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	14	1.71
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	14	1.71
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	14	1.71
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	14	1.71
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	14	1.71
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	14	1.71
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	14	1.71
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	14	1.71
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	14	1.71
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	10	1.71
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	10	1.71
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	10	1.71
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	10	1.71
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	10	1.71
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	10	1.71
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	13	1.71
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	13	1.71
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	13	1.71
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	3	1.71
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	3	1.71
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	3	1.71
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	12	1.71
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	13	1.71
(1,449)	1:869:A:VAL:HG11	1:870:A:TYR:HA	11	1.71
(1,449)	1:869:A:VAL:HG12	1:870:A:TYR:HA	11	1.71
(1,449)	1:869:A:VAL:HG13	1:870:A:TYR:HA	11	1.71
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	9	1.71
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	9	1.71
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	14	1.71
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	14	1.71
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	14	1.71
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	14	1.71
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	14	1.71
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	4	1.71
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	4	1.71
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	4	1.71
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	12	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	12	1.71
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	12	1.71
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	14	1.71
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	14	1.71
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	14	1.71
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD11	14	1.71
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD12	14	1.71
(1,366)	1:857:A:LEU:H	1:857:A:LEU:HD13	14	1.71
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	2	1.71
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	2	1.71
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	2	1.71
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	4	1.71
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	4	1.71
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	4	1.71
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	4	1.71
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	4	1.71
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	4	1.71
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	4	1.71
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	4	1.71
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	4	1.71
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	5	1.71
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	5	1.71
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	5	1.71
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	5	1.71
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	5	1.71
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	5	1.71
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	5	1.71
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	5	1.71
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	5	1.71
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	17	1.71
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	17	1.71
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	17	1.71
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	7	1.71
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	7	1.71
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	7	1.71
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	1	1.71
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	1	1.71
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	1	1.71
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	10	1.71
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	10	1.71
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	10	1.71
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	5	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	5	1.71
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	5	1.71
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	14	1.71
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	14	1.71
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	14	1.71
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	20	1.71
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	20	1.71
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	20	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	11	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	11	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	11	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	11	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	11	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	11	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	13	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	13	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	13	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	13	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	13	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	13	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	19	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	19	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	19	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	19	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	19	1.71
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	19	1.71
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	1	1.71
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	1	1.71
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	1	1.71
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	17	1.71
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	17	1.71
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	17	1.71
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD11	13	1.71
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD12	13	1.71
(1,261)	1:809:A:PHE:HE2	1:841:A:LEU:HD13	13	1.71
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD11	13	1.71
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD12	13	1.71
(1,261)	1:809:A:PHE:HE1	1:841:A:LEU:HD13	13	1.71
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	10	1.71
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	10	1.71
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	10	1.71
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	17	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	17	1.71
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	17	1.71
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	17	1.71
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	17	1.71
(1,241)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	17	1.71
(1,241)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	17	1.71
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	9	1.71
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	8	1.71
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	5	1.71
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	5	1.71
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	5	1.71
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	5	1.71
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	5	1.71
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	5	1.71
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	20	1.71
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	20	1.71
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	20	1.71
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	3	1.71
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	3	1.71
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	3	1.71
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	3	1.71
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	3	1.71
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	3	1.71
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	3	1.71
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	3	1.71
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	3	1.71
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	1	1.71
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	1	1.71
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	1	1.71
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	9	1.71
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	9	1.71
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	9	1.71
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	4	1.71
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	17	1.71
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	17	1.71
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	17	1.71
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	20	1.71
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	20	1.71
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	20	1.71
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	1	1.71
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	1	1.71
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	1	1.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	14	1.71
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	14	1.71
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	20	1.71
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	20	1.71
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	20	1.71
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	20	1.71
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	20	1.71
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	20	1.71
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	20	1.71
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	20	1.71
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	20	1.71
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	5	1.71
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	5	1.71
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	5	1.71
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	7	1.71
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	7	1.71
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	7	1.71
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	19	1.71
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	19	1.71
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	19	1.71
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	6	1.71
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	8	1.71
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	8	1.71
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	8	1.71
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	8	1.71
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	8	1.71
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	8	1.71
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	14	1.71
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	14	1.71
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	14	1.71
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	14	1.71
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	14	1.71
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	14	1.71
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	10	1.7
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	10	1.7
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	10	1.7
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	10	1.7
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	10	1.7
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	10	1.7
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	11	1.7
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	11	1.7
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	11	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	11	1.7
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	11	1.7
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	11	1.7
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	18	1.7
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	18	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	2	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	2	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	2	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	2	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	2	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	2	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	6	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	6	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	6	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	6	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	6	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	6	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	10	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	10	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	10	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	10	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	10	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	10	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	11	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	11	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	11	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	11	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	11	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	11	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	15	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	15	1.7
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	15	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	15	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	15	1.7
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	15	1.7
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	2	1.7
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	2	1.7
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	2	1.7
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	2	1.7
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	16	1.7
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	16	1.7
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	17	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	17	1.7
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	15	1.7
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	15	1.7
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	18	1.7
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	18	1.7
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	6	1.7
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	6	1.7
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	6	1.7
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	6	1.7
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	6	1.7
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	6	1.7
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	11	1.7
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	11	1.7
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	11	1.7
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	11	1.7
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	11	1.7
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	11	1.7
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	12	1.7
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	12	1.7
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	12	1.7
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	12	1.7
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	12	1.7
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	12	1.7
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	5	1.7
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	5	1.7
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	6	1.7
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	6	1.7
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	20	1.7
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	20	1.7
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	4	1.7
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	4	1.7
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	9	1.7
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	9	1.7
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	9	1.7
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	9	1.7
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	9	1.7
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	9	1.7
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	16	1.7
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	16	1.7
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	16	1.7
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	16	1.7
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	16	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	16	1.7
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	2	1.7
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	2	1.7
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	1	1.7
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	1	1.7
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	1	1.7
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	1	1.7
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	1	1.7
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	1	1.7
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	12	1.7
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	12	1.7
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	12	1.7
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	12	1.7
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	12	1.7
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	12	1.7
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	19	1.7
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	19	1.7
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	19	1.7
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	19	1.7
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	19	1.7
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	19	1.7
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	9	1.7
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	9	1.7
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	12	1.7
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	12	1.7
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	4	1.7
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	4	1.7
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	4	1.7
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	4	1.7
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	4	1.7
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	4	1.7
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	5	1.7
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	5	1.7
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	16	1.7
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	16	1.7
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	18	1.7
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	18	1.7
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	18	1.7
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	18	1.7
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	18	1.7
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	18	1.7
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	2	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	2	1.7
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	6	1.7
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	6	1.7
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	13	1.7
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	13	1.7
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	3	1.7
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	3	1.7
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	3	1.7
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	13	1.7
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	13	1.7
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	13	1.7
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	11	1.7
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	11	1.7
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	11	1.7
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	11	1.7
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	14	1.7
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	1	1.7
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	1	1.7
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	1	1.7
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	2	1.7
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	2	1.7
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	11	1.7
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	9	1.7
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	9	1.7
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	9	1.7
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	2	1.7
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	2	1.7
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	2	1.7
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	16	1.7
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	16	1.7
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	16	1.7
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	13	1.7
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	13	1.7
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	13	1.7
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG21	13	1.7
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG22	13	1.7
(1,2863)	1:901:A:PHE:HB3	1:917:A:ILE:HG23	13	1.7
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	4	1.7
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	3	1.7
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	3	1.7
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	3	1.7
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	3	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	3	1.7
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	3	1.7
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	3	1.7
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	3	1.7
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	3	1.7
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD21	3	1.7
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD22	3	1.7
(1,2820)	1:829:A:LEU:HB2	1:829:A:LEU:HD23	3	1.7
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	19	1.7
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	19	1.7
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	19	1.7
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	3	1.7
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	3	1.7
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	3	1.7
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	3	1.7
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	3	1.7
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	3	1.7
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	3	1.7
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	3	1.7
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	3	1.7
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	17	1.7
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	17	1.7
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	17	1.7
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	17	1.7
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	17	1.7
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	17	1.7
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	3	1.7
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	3	1.7
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	6	1.7
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	6	1.7
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	7	1.7
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	7	1.7
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	10	1.7
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	10	1.7
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	12	1.7
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	16	1.7
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	10	1.7
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	10	1.7
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	9	1.7
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	3	1.7
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	18	1.7
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	16	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	16	1.7
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	16	1.7
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	16	1.7
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	16	1.7
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	16	1.7
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	13	1.7
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	13	1.7
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	13	1.7
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	18	1.7
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	15	1.7
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	15	1.7
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	15	1.7
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	15	1.7
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	2	1.7
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	2	1.7
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	2	1.7
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	2	1.7
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	3	1.7
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	3	1.7
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	3	1.7
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	3	1.7
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	12	1.7
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	1	1.7
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	3	1.7
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	3	1.7
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	3	1.7
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	7	1.7
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	7	1.7
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	7	1.7
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	18	1.7
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	18	1.7
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	18	1.7
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	16	1.7
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	16	1.7
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	16	1.7
(1,2598)	1:845:A:LEU:HD21	1:846:A:GLU:H	4	1.7
(1,2598)	1:845:A:LEU:HD22	1:846:A:GLU:H	4	1.7
(1,2598)	1:845:A:LEU:HD23	1:846:A:GLU:H	4	1.7
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	8	1.7
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	8	1.7
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	8	1.7
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	15	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	15	1.7
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	15	1.7
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	20	1.7
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	20	1.7
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	20	1.7
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	1	1.7
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	12	1.7
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	5	1.7
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	5	1.7
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	3	1.7
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	3	1.7
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	3	1.7
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	3	1.7
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	16	1.7
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	16	1.7
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	16	1.7
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	16	1.7
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	2	1.7
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	18	1.7
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	18	1.7
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	3	1.7
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	3	1.7
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	19	1.7
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	19	1.7
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	16	1.7
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	16	1.7
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	2	1.7
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	2	1.7
(1,2387)	1:807:A:TYR:HE1	1:811:A:GLN:HG3	6	1.7
(1,2387)	1:807:A:TYR:HE2	1:811:A:GLN:HG3	6	1.7
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	10	1.7
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	10	1.7
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	10	1.7
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	10	1.7
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	7	1.7
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	7	1.7
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	5	1.7
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	5	1.7
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	5	1.7
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	5	1.7
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	5	1.7
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	5	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	9	1.7
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	9	1.7
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	9	1.7
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	9	1.7
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	9	1.7
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	9	1.7
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	17	1.7
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	17	1.7
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	17	1.7
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	17	1.7
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	17	1.7
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	17	1.7
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	4	1.7
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	4	1.7
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	4	1.7
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	4	1.7
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	4	1.7
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	4	1.7
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	19	1.7
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	19	1.7
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	19	1.7
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	19	1.7
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	19	1.7
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	19	1.7
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	11	1.7
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	11	1.7
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	11	1.7
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	11	1.7
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	3	1.7
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	3	1.7
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	3	1.7
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	3	1.7
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	16	1.7
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	16	1.7
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	16	1.7
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	16	1.7
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	11	1.7
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	11	1.7
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	11	1.7
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	11	1.7
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	4	1.7
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	4	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	4	1.7
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	4	1.7
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	4	1.7
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	4	1.7
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE2	13	1.7
(1,2295)	1:873:A:LEU:HB3	1:901:A:PHE:HE1	13	1.7
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	6	1.7
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	6	1.7
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	17	1.7
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	17	1.7
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	9	1.7
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	9	1.7
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	14	1.7
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	14	1.7
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	17	1.7
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	17	1.7
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	17	1.7
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	17	1.7
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	19	1.7
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	19	1.7
(1,2180)	1:920:A:LEU:HD11	1:923:A:GLN:H	9	1.7
(1,2180)	1:920:A:LEU:HD12	1:923:A:GLN:H	9	1.7
(1,2180)	1:920:A:LEU:HD13	1:923:A:GLN:H	9	1.7
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	19	1.7
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	19	1.7
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	16	1.7
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	16	1.7
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	16	1.7
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	6	1.7
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	6	1.7
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	6	1.7
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	17	1.7
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	17	1.7
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	17	1.7
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	8	1.7
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	7	1.7
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	7	1.7
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	7	1.7
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	13	1.7
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	17	1.7
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	9	1.7
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	9	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	9	1.7
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	9	1.7
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	9	1.7
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	17	1.7
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	17	1.7
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	17	1.7
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	2	1.7
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	2	1.7
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	14	1.7
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	14	1.7
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	1	1.7
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	1	1.7
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	1	1.7
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	15	1.7
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	16	1.7
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	12	1.7
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	12	1.7
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	15	1.7
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	15	1.7
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	20	1.7
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	20	1.7
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	16	1.7
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	16	1.7
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	16	1.7
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	6	1.7
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	6	1.7
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	19	1.7
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	8	1.7
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	8	1.7
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	15	1.7
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	15	1.7
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	9	1.7
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	9	1.7
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	9	1.7
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	18	1.7
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	4	1.7
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	4	1.7
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	16	1.7
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	16	1.7
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	16	1.7
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	20	1.7
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	20	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	4	1.7
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	6	1.7
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	4	1.7
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	13	1.7
(1,1425)	1:854:A:ILE:HG21	1:855:A:GLN:H	18	1.7
(1,1425)	1:854:A:ILE:HG22	1:855:A:GLN:H	18	1.7
(1,1425)	1:854:A:ILE:HG23	1:855:A:GLN:H	18	1.7
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	13	1.7
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	13	1.7
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	13	1.7
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	8	1.7
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	8	1.7
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	8	1.7
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	2	1.7
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	2	1.7
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	6	1.7
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	6	1.7
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	18	1.7
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	18	1.7
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	19	1.7
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	19	1.7
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	10	1.7
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	18	1.7
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	12	1.7
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	12	1.7
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	12	1.7
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	12	1.7
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	12	1.7
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	12	1.7
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	16	1.7
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	16	1.7
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	16	1.7
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	16	1.7
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	16	1.7
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	16	1.7
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	8	1.7
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	8	1.7
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	8	1.7
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	2	1.7
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	2	1.7
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	2	1.7
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	10	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	10	1.7
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	10	1.7
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	13	1.7
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	13	1.7
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	13	1.7
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	10	1.7
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	10	1.7
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	10	1.7
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	10	1.7
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	10	1.7
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	10	1.7
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	10	1.7
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	10	1.7
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	10	1.7
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	10	1.7
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	10	1.7
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	10	1.7
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	8	1.7
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	8	1.7
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	8	1.7
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	10	1.7
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	10	1.7
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	10	1.7
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	2	1.7
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	2	1.7
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	2	1.7
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	8	1.7
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	8	1.7
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	8	1.7
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	6	1.7
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	6	1.7
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	6	1.7
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	20	1.7
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	1	1.7
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	1	1.7
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	1	1.7
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	1	1.7
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	4	1.7
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	4	1.7
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	4	1.7
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	9	1.7
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	9	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	9	1.7
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	10	1.7
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	10	1.7
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	10	1.7
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	12	1.7
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	12	1.7
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	12	1.7
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	3	1.7
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	3	1.7
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	3	1.7
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	3	1.7
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	3	1.7
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	3	1.7
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	14	1.7
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	14	1.7
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	14	1.7
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	14	1.7
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	14	1.7
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	14	1.7
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	19	1.7
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	19	1.7
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	19	1.7
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	19	1.7
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	19	1.7
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	19	1.7
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	4	1.7
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	4	1.7
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	8	1.7
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	8	1.7
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	20	1.7
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	20	1.7
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	3	1.7
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	3	1.7
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	3	1.7
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	19	1.7
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	19	1.7
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	19	1.7
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	7	1.7
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	7	1.7
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	7	1.7
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	7	1.7
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	7	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	7	1.7
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	7	1.7
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	7	1.7
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	7	1.7
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB2	5	1.7
(1,676)	1:897:A:ILE:H	1:898:A:GLU:HB3	5	1.7
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	7	1.7
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	7	1.7
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	7	1.7
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	7	1.7
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	7	1.7
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	7	1.7
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	15	1.7
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	15	1.7
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	15	1.7
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	15	1.7
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	15	1.7
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	15	1.7
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	15	1.7
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	15	1.7
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	15	1.7
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	15	1.7
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	15	1.7
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	15	1.7
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	15	1.7
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	15	1.7
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	15	1.7
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	15	1.7
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	15	1.7
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	15	1.7
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	15	1.7
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	15	1.7
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	15	1.7
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	15	1.7
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	16	1.7
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	16	1.7
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	16	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	7	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	7	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	7	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	11	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	11	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	11	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	12	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	12	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	12	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	15	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	15	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	15	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	19	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	19	1.7
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	19	1.7
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	17	1.7
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	17	1.7
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	20	1.7
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	20	1.7
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	20	1.7
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	2	1.7
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	2	1.7
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	2	1.7
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	17	1.7
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	17	1.7
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	17	1.7
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	1	1.7
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	1	1.7
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	1	1.7
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	1	1.7
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	1	1.7
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	1	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	1	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	1	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	1	1.7
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	15	1.7
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	15	1.7
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	15	1.7
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	15	1.7
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	15	1.7
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	15	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	15	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	15	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	15	1.7
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	17	1.7
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	17	1.7
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	17	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	17	1.7
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	17	1.7
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	17	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	17	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	17	1.7
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	17	1.7
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	8	1.7
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	8	1.7
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	8	1.7
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	1	1.7
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	1	1.7
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	1	1.7
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	7	1.7
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	7	1.7
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	7	1.7
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	14	1.7
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	14	1.7
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	14	1.7
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	17	1.7
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	17	1.7
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	17	1.7
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	17	1.7
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	17	1.7
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	17	1.7
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	17	1.7
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	17	1.7
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	17	1.7
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	12	1.7
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	12	1.7
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	12	1.7
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	12	1.7
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	12	1.7
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	12	1.7
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	8	1.7
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	8	1.7
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	8	1.7
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	10	1.7
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	10	1.7
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	10	1.7
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	15	1.7
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	19	1.7
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	10	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	10	1.7
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	10	1.7
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	10	1.7
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	10	1.7
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	10	1.7
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	10	1.7
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	10	1.7
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	10	1.7
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	13	1.7
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	13	1.7
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	13	1.7
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	13	1.7
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	13	1.7
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	13	1.7
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	13	1.7
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	13	1.7
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	13	1.7
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	8	1.7
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	8	1.7
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	8	1.7
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	8	1.7
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	8	1.7
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	8	1.7
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	8	1.7
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	8	1.7
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	8	1.7
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	8	1.7
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	8	1.7
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	15	1.7
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	15	1.7
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	15	1.7
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	5	1.7
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	5	1.7
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	5	1.7
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	5	1.7
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	9	1.7
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	9	1.7
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	9	1.7
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	2	1.7
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	2	1.7
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	2	1.7
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	7	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	7	1.7
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	7	1.7
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	7	1.7
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	7	1.7
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	7	1.7
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	7	1.7
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	7	1.7
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	7	1.7
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	13	1.7
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	13	1.7
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	13	1.7
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	13	1.7
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	13	1.7
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	13	1.7
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	13	1.7
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	13	1.7
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	13	1.7
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	1	1.7
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	1	1.7
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	1	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	1	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	1	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	1	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	1	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	1	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	1	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	5	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	5	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	5	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	5	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	5	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	5	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	6	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	6	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	6	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	6	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	6	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	6	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	12	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	12	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	12	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	12	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	12	1.7
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	12	1.7
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	2	1.7
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	2	1.7
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	11	1.7
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	11	1.7
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	11	1.7
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	11	1.7
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	11	1.7
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	11	1.7
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	3	1.7
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	3	1.7
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	3	1.7
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	3	1.7
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	3	1.7
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	3	1.7
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	1	1.7
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	1	1.7
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	1	1.7
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	1	1.7
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	1	1.7
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	1	1.7
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	1	1.7
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	1	1.7
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	1	1.7
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	11	1.7
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	11	1.7
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	11	1.7
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	19	1.7
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	19	1.7
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	19	1.7
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	6	1.7
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	6	1.7
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	6	1.7
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	16	1.7
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	16	1.7
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	15	1.7
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	15	1.7
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	15	1.7
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	15	1.7
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	15	1.7
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	15	1.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	15	1.7
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	15	1.7
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	15	1.7
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	13	1.7
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	13	1.7
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	13	1.7
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	2	1.7
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	2	1.7
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	2	1.7
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	17	1.7
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	17	1.7
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	17	1.7
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	17	1.7
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	17	1.7
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	17	1.7
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	6	1.7
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	6	1.7
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	6	1.7
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	2	1.69
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	2	1.69
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	2	1.69
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	2	1.69
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	2	1.69
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	2	1.69
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	13	1.69
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	13	1.69
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	1	1.69
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	1	1.69
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	2	1.69
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	2	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	3	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	3	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	3	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	3	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	3	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	3	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	12	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	12	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	12	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	12	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	12	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	12	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	14	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	14	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	14	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	14	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	14	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	14	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	16	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	16	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	16	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	16	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	16	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	16	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	19	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	19	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	19	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	19	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	19	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	19	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	20	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	20	1.69
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	20	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	20	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	20	1.69
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	20	1.69
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	7	1.69
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	7	1.69
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	7	1.69
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	7	1.69
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	18	1.69
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	18	1.69
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	18	1.69
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	18	1.69
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB2	15	1.69
(1,3339)	1:898:A:GLU:HG2	1:926:A:LEU:HB3	15	1.69
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB2	15	1.69
(1,3339)	1:898:A:GLU:HG3	1:926:A:LEU:HB3	15	1.69
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	3	1.69
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	3	1.69
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	3	1.69
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	3	1.69
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	13	1.69
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	13	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	4	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	4	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	4	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	4	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	4	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	4	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	9	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	9	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	9	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	9	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	9	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	9	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	10	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	10	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	10	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	10	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	10	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	10	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	18	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	18	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	18	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	18	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	18	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	18	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	20	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	20	1.69
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	20	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	20	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	20	1.69
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	20	1.69
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	11	1.69
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	11	1.69
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	11	1.69
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	11	1.69
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	10	1.69
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	10	1.69
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	10	1.69
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	10	1.69
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	10	1.69
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	10	1.69
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	1	1.69
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	1	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	12	1.69
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	12	1.69
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	12	1.69
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	12	1.69
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	12	1.69
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	12	1.69
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	10	1.69
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	10	1.69
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	1	1.69
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	1	1.69
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	16	1.69
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	16	1.69
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	16	1.69
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	16	1.69
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	16	1.69
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	16	1.69
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	16	1.69
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	16	1.69
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	11	1.69
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	11	1.69
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	11	1.69
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	11	1.69
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	11	1.69
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	11	1.69
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	18	1.69
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	18	1.69
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	9	1.69
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	9	1.69
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	9	1.69
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	9	1.69
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	9	1.69
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	9	1.69
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	4	1.69
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	4	1.69
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	4	1.69
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	4	1.69
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	4	1.69
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	4	1.69
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	5	1.69
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	5	1.69
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	14	1.69
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	14	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	2	1.69
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	2	1.69
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	2	1.69
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	2	1.69
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	5	1.69
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	5	1.69
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	15	1.69
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	15	1.69
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	10	1.69
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	10	1.69
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	3	1.69
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	3	1.69
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	6	1.69
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	19	1.69
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	19	1.69
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD21	8	1.69
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD22	8	1.69
(1,2991)	1:821:A:ASP:H	1:852:A:LEU:HD23	8	1.69
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	16	1.69
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	16	1.69
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	16	1.69
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	3	1.69
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	3	1.69
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	3	1.69
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	7	1.69
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	7	1.69
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	7	1.69
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	14	1.69
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	14	1.69
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	14	1.69
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	6	1.69
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	17	1.69
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE1	9	1.69
(1,2964)	1:838:A:PRO:HG2	1:875:A:TYR:HE2	9	1.69
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE1	9	1.69
(1,2964)	1:838:A:PRO:HG3	1:875:A:TYR:HE2	9	1.69
(1,2959)	1:871:A:GLN:H	1:871:A:GLN:HG2	8	1.69
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	18	1.69
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	5	1.69
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	14	1.69
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	14	1.69
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	14	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	20	1.69
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	20	1.69
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	20	1.69
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	9	1.69
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	9	1.69
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	9	1.69
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG22	12	1.69
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG23	12	1.69
(1,2882)	1:802:A:LYS:HA	1:831:A:ILE:HG21	12	1.69
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	19	1.69
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	19	1.69
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	19	1.69
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	4	1.69
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	4	1.69
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	4	1.69
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	4	1.69
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	4	1.69
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	4	1.69
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	4	1.69
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	4	1.69
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	4	1.69
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	17	1.69
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	17	1.69
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	17	1.69
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	17	1.69
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	17	1.69
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	17	1.69
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	17	1.69
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	17	1.69
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	17	1.69
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	18	1.69
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	18	1.69
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	18	1.69
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	12	1.69
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	12	1.69
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	12	1.69
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	1	1.69
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	1	1.69
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	1	1.69
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	9	1.69
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	9	1.69
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	9	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	20	1.69
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	20	1.69
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	1	1.69
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	1	1.69
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	1	1.69
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	15	1.69
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	15	1.69
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	15	1.69
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	5	1.69
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	5	1.69
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	5	1.69
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	11	1.69
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	5	1.69
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	5	1.69
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	9	1.69
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	9	1.69
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	20	1.69
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	20	1.69
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	15	1.69
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	20	1.69
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	20	1.69
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	20	1.69
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	11	1.69
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	11	1.69
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	11	1.69
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	11	1.69
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	7	1.69
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	7	1.69
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	7	1.69
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	7	1.69
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	8	1.69
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	8	1.69
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	8	1.69
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	8	1.69
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	16	1.69
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	16	1.69
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	15	1.69
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	5	1.69
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	5	1.69
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	5	1.69
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	6	1.69
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	6	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	6	1.69
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	15	1.69
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	15	1.69
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	10	1.69
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	10	1.69
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	11	1.69
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	11	1.69
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	12	1.69
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	12	1.69
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	2	1.69
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	2	1.69
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	1	1.69
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	1	1.69
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	1	1.69
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	1	1.69
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	13	1.69
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	13	1.69
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	13	1.69
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	13	1.69
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	14	1.69
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	14	1.69
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	14	1.69
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	14	1.69
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	18	1.69
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	18	1.69
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	20	1.69
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	20	1.69
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	12	1.69
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	12	1.69
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	16	1.69
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	16	1.69
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	15	1.69
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	13	1.69
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	13	1.69
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	16	1.69
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	16	1.69
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	6	1.69
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	6	1.69
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	4	1.69
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	4	1.69
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	6	1.69
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	6	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	6	1.69
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	6	1.69
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	6	1.69
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	6	1.69
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	3	1.69
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	3	1.69
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	3	1.69
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	3	1.69
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	3	1.69
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	3	1.69
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	19	1.69
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	19	1.69
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	19	1.69
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	19	1.69
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	19	1.69
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	19	1.69
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	15	1.69
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	15	1.69
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	4	1.69
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	4	1.69
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	4	1.69
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	4	1.69
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	4	1.69
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	4	1.69
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	6	1.69
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	6	1.69
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	6	1.69
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	6	1.69
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	6	1.69
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	6	1.69
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	8	1.69
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	8	1.69
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	8	1.69
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	8	1.69
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	8	1.69
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	8	1.69
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	19	1.69
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	19	1.69
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	19	1.69
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	19	1.69
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	19	1.69
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	19	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	1	1.69
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	1	1.69
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	1	1.69
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	2	1.69
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	2	1.69
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	5	1.69
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	5	1.69
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	5	1.69
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	5	1.69
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	5	1.69
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	5	1.69
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	10	1.69
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	10	1.69
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	10	1.69
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	10	1.69
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	10	1.69
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	10	1.69
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	13	1.69
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	13	1.69
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	12	1.69
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	12	1.69
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	1	1.69
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	1	1.69
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	1	1.69
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	1	1.69
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	1	1.69
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	1	1.69
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	12	1.69
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	12	1.69
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	13	1.69
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	13	1.69
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	13	1.69
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	13	1.69
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	18	1.69
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	18	1.69
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	18	1.69
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	18	1.69
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	16	1.69
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	16	1.69
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	20	1.69
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	20	1.69
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	8	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	8	1.69
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	8	1.69
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	8	1.69
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	8	1.69
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	8	1.69
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	7	1.69
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	7	1.69
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	19	1.69
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	19	1.69
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	17	1.69
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	17	1.69
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	17	1.69
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	17	1.69
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	17	1.69
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	7	1.69
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	7	1.69
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	7	1.69
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	16	1.69
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	16	1.69
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	8	1.69
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	2	1.69
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	2	1.69
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	12	1.69
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	12	1.69
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	18	1.69
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	18	1.69
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	10	1.69
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	10	1.69
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	10	1.69
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	7	1.69
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	13	1.69
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	13	1.69
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	13	1.69
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	16	1.69
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	16	1.69
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	16	1.69
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	18	1.69
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	18	1.69
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	18	1.69
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	6	1.69
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	6	1.69
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	1	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	17	1.69
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	5	1.69
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	5	1.69
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	16	1.69
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	16	1.69
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	16	1.69
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	9	1.69
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	9	1.69
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	20	1.69
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	20	1.69
(1,1829)	1:889:A:ILE:HG21	1:890:A:SER:H	12	1.69
(1,1829)	1:889:A:ILE:HG22	1:890:A:SER:H	12	1.69
(1,1829)	1:889:A:ILE:HG23	1:890:A:SER:H	12	1.69
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	2	1.69
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	5	1.69
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	7	1.69
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	2	1.69
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	2	1.69
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	15	1.69
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	15	1.69
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	1	1.69
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	1	1.69
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	6	1.69
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	6	1.69
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	17	1.69
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	17	1.69
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	17	1.69
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	10	1.69
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	10	1.69
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	20	1.69
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	3	1.69
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	3	1.69
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	3	1.69
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	12	1.69
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	12	1.69
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	12	1.69
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	19	1.69
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	19	1.69
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	19	1.69
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	9	1.69
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	9	1.69
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	12	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	17	1.69
(1,1438)	1:855:A:GLN:H	1:855:A:GLN:HE22	5	1.69
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	20	1.69
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	20	1.69
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	1	1.69
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	1	1.69
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	15	1.69
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	15	1.69
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	18	1.69
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	18	1.69
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	18	1.69
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	1	1.69
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	1	1.69
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	1	1.69
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	5	1.69
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	5	1.69
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	5	1.69
(1,1320)	1:843:A:ASN:H	1:844:A:LYS:H	7	1.69
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	3	1.69
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	3	1.69
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	3	1.69
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	16	1.69
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	16	1.69
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	16	1.69
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	9	1.69
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	9	1.69
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	9	1.69
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	11	1.69
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	11	1.69
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	11	1.69
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	11	1.69
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	11	1.69
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	11	1.69
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	1	1.69
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	1	1.69
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	7	1.69
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	7	1.69
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	20	1.69
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	20	1.69
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	6	1.69
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	6	1.69
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	6	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	17	1.69
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	17	1.69
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	17	1.69
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	6	1.69
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	6	1.69
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	6	1.69
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	6	1.69
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	6	1.69
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	6	1.69
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	15	1.69
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	15	1.69
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	15	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	4	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	4	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	4	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	8	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	8	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	8	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	9	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	9	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	9	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	20	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	20	1.69
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	20	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	1	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	1	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	1	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	1	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	1	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	1	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	1	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	1	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	1	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	2	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	2	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	2	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	2	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	2	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	2	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	2	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	2	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	2	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	7	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	7	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	7	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	7	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	7	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	7	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	7	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	7	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	7	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	8	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	8	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	8	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	8	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	8	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	8	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	8	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	8	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	8	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	11	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	11	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	11	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	11	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	11	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	11	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	11	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	11	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	11	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	14	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	14	1.69
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	14	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	14	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	14	1.69
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	14	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	14	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	14	1.69
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	14	1.69
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	1	1.69
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	1	1.69
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	1	1.69
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	16	1.69
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	16	1.69
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	16	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	16	1.69
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	16	1.69
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	16	1.69
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	20	1.69
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	20	1.69
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	20	1.69
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	13	1.69
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	6	1.69
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	6	1.69
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	6	1.69
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	6	1.69
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	2	1.69
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	2	1.69
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	2	1.69
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	6	1.69
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	6	1.69
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	6	1.69
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	13	1.69
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	13	1.69
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	13	1.69
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	10	1.69
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	10	1.69
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	10	1.69
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	10	1.69
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	10	1.69
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	10	1.69
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	15	1.69
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	15	1.69
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	15	1.69
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	15	1.69
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	15	1.69
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	15	1.69
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	11	1.69
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	11	1.69
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	12	1.69
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	12	1.69
(1,736)	1:870:A:TYR:HD1	1:917:A:ILE:HA	2	1.69
(1,736)	1:870:A:TYR:HD2	1:917:A:ILE:HA	2	1.69
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	1	1.69
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	1	1.69
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	1	1.69
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	12	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	12	1.69
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	12	1.69
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	17	1.69
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	17	1.69
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	17	1.69
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	16	1.69
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	16	1.69
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	16	1.69
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	9	1.69
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	10	1.69
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	10	1.69
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	10	1.69
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	1	1.69
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	1	1.69
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	1	1.69
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	5	1.69
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	5	1.69
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	5	1.69
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	8	1.69
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	8	1.69
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	8	1.69
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	16	1.69
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	16	1.69
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	11	1.69
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	11	1.69
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	11	1.69
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	14	1.69
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	14	1.69
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	10	1.69
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	10	1.69
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	5	1.69
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	5	1.69
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	5	1.69
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	13	1.69
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	13	1.69
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	13	1.69
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	20	1.69
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	20	1.69
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	20	1.69
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	1	1.69
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	1	1.69
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	1	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	1	1.69
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	1	1.69
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	1	1.69
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	1	1.69
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	1	1.69
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	1	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	5	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	5	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	5	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	5	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	5	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	5	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	5	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	5	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	5	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	8	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	8	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	8	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	8	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	8	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	8	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	8	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	8	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	8	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	10	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	10	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	10	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	10	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	10	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	10	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	10	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	10	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	10	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	16	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	16	1.69
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	16	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	16	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	16	1.69
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	16	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	16	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	16	1.69
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	16	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	17	1.69
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	17	1.69
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	17	1.69
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	4	1.69
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	4	1.69
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	4	1.69
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	1	1.69
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	1	1.69
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	1	1.69
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	1	1.69
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	1	1.69
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	1	1.69
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	11	1.69
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	11	1.69
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	11	1.69
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	5	1.69
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	5	1.69
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	5	1.69
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	13	1.69
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	13	1.69
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	13	1.69
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	20	1.69
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	20	1.69
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	20	1.69
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	11	1.69
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	11	1.69
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	11	1.69
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	11	1.69
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	11	1.69
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	11	1.69
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	11	1.69
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	11	1.69
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	11	1.69
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	2	1.69
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	2	1.69
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	17	1.69
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	17	1.69
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	3	1.69
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	9	1.69
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	20	1.69
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	18	1.69
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	9	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	9	1.69
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	9	1.69
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	9	1.69
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	9	1.69
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	9	1.69
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	9	1.69
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	9	1.69
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	9	1.69
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	15	1.69
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	15	1.69
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	15	1.69
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	15	1.69
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	15	1.69
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	15	1.69
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	15	1.69
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	15	1.69
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	15	1.69
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	19	1.69
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	19	1.69
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	19	1.69
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	19	1.69
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	19	1.69
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	19	1.69
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	19	1.69
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	19	1.69
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	19	1.69
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	10	1.69
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	10	1.69
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	1	1.69
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	1	1.69
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	1	1.69
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	11	1.69
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	11	1.69
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	11	1.69
(1,368)	1:858:A:LYS:H	1:858:A:LYS:HG2	9	1.69
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	20	1.69
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	20	1.69
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	20	1.69
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	18	1.69
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	18	1.69
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	18	1.69
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	5	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	5	1.69
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	5	1.69
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	5	1.69
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	5	1.69
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	5	1.69
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	5	1.69
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	5	1.69
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	5	1.69
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	6	1.69
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	6	1.69
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	6	1.69
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	6	1.69
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	6	1.69
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	6	1.69
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	6	1.69
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	6	1.69
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	6	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	4	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	4	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	4	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	4	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	4	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	4	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	9	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	9	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	9	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	9	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	9	1.69
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	9	1.69
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	18	1.69
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	18	1.69
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	18	1.69
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	10	1.69
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	10	1.69
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	10	1.69
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	11	1.69
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	11	1.69
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	11	1.69
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	13	1.69
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	13	1.69
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	13	1.69
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	13	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	13	1.69
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	13	1.69
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	3	1.69
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	11	1.69
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	4	1.69
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	4	1.69
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	4	1.69
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	9	1.69
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	9	1.69
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	9	1.69
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	4	1.69
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	4	1.69
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	4	1.69
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	4	1.69
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	4	1.69
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	4	1.69
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	4	1.69
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	4	1.69
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	4	1.69
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	2	1.69
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	2	1.69
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	2	1.69
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	4	1.69
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	4	1.69
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	4	1.69
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	8	1.69
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	8	1.69
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	8	1.69
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	3	1.69
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	10	1.69
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	6	1.69
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	19	1.69
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	19	1.69
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	16	1.69
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	16	1.69
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	16	1.69
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	10	1.69
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	10	1.69
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	10	1.69
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	10	1.69
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	10	1.69
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	10	1.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	10	1.69
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	10	1.69
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	10	1.69
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	13	1.69
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	13	1.69
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	13	1.69
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	15	1.69
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	15	1.69
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	15	1.69
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	1	1.69
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	1	1.69
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	1	1.69
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	12	1.69
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	12	1.69
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	12	1.69
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	2	1.69
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	11	1.69
(1,45)	1:806:A:ALA:HB1	1:840:A:PHE:HA	20	1.69
(1,45)	1:806:A:ALA:HB2	1:840:A:PHE:HA	20	1.69
(1,45)	1:806:A:ALA:HB3	1:840:A:PHE:HA	20	1.69
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	7	1.69
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	7	1.69
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	7	1.69
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	7	1.69
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	7	1.69
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	7	1.69
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	19	1.69
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	19	1.69
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	17	1.68
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	17	1.68
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	17	1.68
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	17	1.68
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	17	1.68
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	17	1.68
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	18	1.68
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	18	1.68
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	19	1.68
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	19	1.68
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	5	1.68
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	5	1.68
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	4	1.68
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	4	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	4	1.68
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	4	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	1	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	1	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	1	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	1	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	1	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	1	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	5	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	5	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	5	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	5	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	5	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	5	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	8	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	8	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	8	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	8	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	8	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	8	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	9	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	9	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	9	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	9	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	9	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	9	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	13	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	13	1.68
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	13	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	13	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	13	1.68
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	13	1.68
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	3	1.68
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	3	1.68
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	3	1.68
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	3	1.68
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	14	1.68
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	14	1.68
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	7	1.68
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	7	1.68
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	7	1.68
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	7	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	19	1.68
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	19	1.68
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	19	1.68
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	19	1.68
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	2	1.68
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	2	1.68
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	2	1.68
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	2	1.68
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	2	1.68
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	2	1.68
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	3	1.68
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	3	1.68
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	3	1.68
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	3	1.68
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	3	1.68
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	3	1.68
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	13	1.68
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	13	1.68
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	13	1.68
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	13	1.68
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	13	1.68
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	13	1.68
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	12	1.68
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	12	1.68
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	13	1.68
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	13	1.68
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	1	1.68
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	1	1.68
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	1	1.68
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	1	1.68
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	1	1.68
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	1	1.68
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	6	1.68
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	6	1.68
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	6	1.68
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	6	1.68
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	6	1.68
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	6	1.68
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	10	1.68
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	10	1.68
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	10	1.68
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	10	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	10	1.68
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	10	1.68
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	14	1.68
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	14	1.68
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	14	1.68
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	14	1.68
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	14	1.68
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	14	1.68
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	6	1.68
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	6	1.68
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	19	1.68
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	19	1.68
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	15	1.68
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	15	1.68
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	15	1.68
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	15	1.68
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	15	1.68
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	15	1.68
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	18	1.68
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	18	1.68
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	18	1.68
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	18	1.68
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	18	1.68
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	18	1.68
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	2	1.68
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	2	1.68
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	1	1.68
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	1	1.68
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	12	1.68
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	12	1.68
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	16	1.68
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	16	1.68
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	4	1.68
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	4	1.68
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	4	1.68
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	4	1.68
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	8	1.68
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	8	1.68
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	8	1.68
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	8	1.68
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	3	1.68
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	3	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	6	1.68
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	6	1.68
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	15	1.68
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	15	1.68
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	17	1.68
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	17	1.68
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	10	1.68
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	10	1.68
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	10	1.68
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	10	1.68
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	1	1.68
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	1	1.68
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	1	1.68
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	16	1.68
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	16	1.68
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	16	1.68
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	13	1.68
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	1	1.68
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	7	1.68
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	7	1.68
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	7	1.68
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	18	1.68
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	18	1.68
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	12	1.68
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	17	1.68
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	12	1.68
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	10	1.68
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	10	1.68
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	10	1.68
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	7	1.68
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	9	1.68
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	9	1.68
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	9	1.68
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	8	1.68
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	8	1.68
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	8	1.68
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	3	1.68
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	3	1.68
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	3	1.68
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	15	1.68
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	15	1.68
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	15	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	15	1.68
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	15	1.68
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	15	1.68
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	5	1.68
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	5	1.68
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	5	1.68
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	5	1.68
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	5	1.68
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	5	1.68
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	5	1.68
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	5	1.68
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	5	1.68
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	19	1.68
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	19	1.68
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	19	1.68
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	13	1.68
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	13	1.68
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	13	1.68
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	4	1.68
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	4	1.68
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	4	1.68
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	7	1.68
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	7	1.68
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	16	1.68
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	16	1.68
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	16	1.68
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	6	1.68
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	6	1.68
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	6	1.68
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	14	1.68
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	14	1.68
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	14	1.68
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	20	1.68
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	20	1.68
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	20	1.68
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	16	1.68
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	16	1.68
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	16	1.68
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	2	1.68
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	2	1.68
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	2	1.68
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	2	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	6	1.68
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	1	1.68
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	17	1.68
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	8	1.68
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	1	1.68
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	1	1.68
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	1	1.68
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	4	1.68
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	4	1.68
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	4	1.68
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	13	1.68
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	13	1.68
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	13	1.68
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	13	1.68
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	3	1.68
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	3	1.68
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	3	1.68
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	3	1.68
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	6	1.68
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	6	1.68
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	10	1.68
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	4	1.68
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	4	1.68
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	4	1.68
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	4	1.68
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	4	1.68
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	4	1.68
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	11	1.68
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	11	1.68
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	11	1.68
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	12	1.68
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	12	1.68
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	12	1.68
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	17	1.68
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	17	1.68
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	17	1.68
(1,2608)	1:896:A:LEU:HD21	1:899:A:GLN:H	11	1.68
(1,2608)	1:896:A:LEU:HD22	1:899:A:GLN:H	11	1.68
(1,2608)	1:896:A:LEU:HD23	1:899:A:GLN:H	11	1.68
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	3	1.68
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	3	1.68
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	3	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	3	1.68
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	3	1.68
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	3	1.68
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	9	1.68
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	9	1.68
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	9	1.68
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	9	1.68
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	9	1.68
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	9	1.68
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	19	1.68
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	19	1.68
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	19	1.68
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	7	1.68
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	7	1.68
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	7	1.68
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	7	1.68
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	7	1.68
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	7	1.68
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	17	1.68
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	17	1.68
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	17	1.68
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	11	1.68
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	19	1.68
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	19	1.68
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	19	1.68
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	10	1.68
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	10	1.68
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	10	1.68
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	10	1.68
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	18	1.68
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	18	1.68
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	17	1.68
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	17	1.68
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	1	1.68
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	1	1.68
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	12	1.68
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	12	1.68
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	12	1.68
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	4	1.68
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	4	1.68
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	7	1.68
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	7	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	7	1.68
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	7	1.68
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	3	1.68
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	3	1.68
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	3	1.68
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	3	1.68
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	11	1.68
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	11	1.68
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	16	1.68
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	16	1.68
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	16	1.68
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	1	1.68
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	1	1.68
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	1	1.68
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	6	1.68
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	6	1.68
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	8	1.68
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	8	1.68
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	13	1.68
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	13	1.68
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	16	1.68
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	16	1.68
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	8	1.68
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	8	1.68
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	8	1.68
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	8	1.68
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	8	1.68
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	8	1.68
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	11	1.68
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	11	1.68
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	11	1.68
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	11	1.68
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	11	1.68
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	11	1.68
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	4	1.68
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	4	1.68
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	5	1.68
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	5	1.68
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	6	1.68
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	6	1.68
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	6	1.68
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	6	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	4	1.68
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	4	1.68
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	4	1.68
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	4	1.68
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	13	1.68
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	13	1.68
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	9	1.68
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	9	1.68
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	9	1.68
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	9	1.68
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	9	1.68
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	9	1.68
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	2	1.68
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	2	1.68
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	5	1.68
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	5	1.68
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	6	1.68
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	6	1.68
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	9	1.68
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	9	1.68
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	16	1.68
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	14	1.68
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	14	1.68
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	14	1.68
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	20	1.68
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	20	1.68
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	20	1.68
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	20	1.68
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	20	1.68
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	20	1.68
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	1	1.68
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	1	1.68
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	6	1.68
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	6	1.68
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	6	1.68
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	9	1.68
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	9	1.68
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	9	1.68
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	3	1.68
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	3	1.68
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	15	1.68
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	15	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	18	1.68
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	2	1.68
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	2	1.68
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	2	1.68
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	10	1.68
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	10	1.68
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	10	1.68
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	8	1.68
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	8	1.68
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	8	1.68
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	15	1.68
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	15	1.68
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	15	1.68
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	1	1.68
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	1	1.68
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	1	1.68
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	19	1.68
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	19	1.68
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	19	1.68
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	11	1.68
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	9	1.68
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	19	1.68
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	14	1.68
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	14	1.68
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	14	1.68
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	11	1.68
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	11	1.68
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	16	1.68
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	16	1.68
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	20	1.68
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	12	1.68
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	12	1.68
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	12	1.68
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	11	1.68
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	11	1.68
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	11	1.68
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	1	1.68
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	1	1.68
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	1	1.68
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	14	1.68
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	14	1.68
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	14	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	5	1.68
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	5	1.68
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	6	1.68
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	6	1.68
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	9	1.68
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	9	1.68
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	20	1.68
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	20	1.68
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	20	1.68
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	20	1.68
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	20	1.68
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	20	1.68
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	19	1.68
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	19	1.68
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	19	1.68
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	2	1.68
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	2	1.68
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	8	1.68
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	12	1.68
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	9	1.68
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	9	1.68
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	12	1.68
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	12	1.68
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	1	1.68
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	1	1.68
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	1	1.68
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	14	1.68
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	14	1.68
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	14	1.68
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	14	1.68
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	14	1.68
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	14	1.68
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	16	1.68
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	13	1.68
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	13	1.68
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	13	1.68
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	13	1.68
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	13	1.68
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	13	1.68
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	15	1.68
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	15	1.68
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	15	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	4	1.68
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	4	1.68
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	4	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	4	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	4	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	4	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	4	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	4	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	4	1.68
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	9	1.68
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	9	1.68
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	9	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	9	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	9	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	9	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	9	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	9	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	9	1.68
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	20	1.68
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	20	1.68
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	20	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	20	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	20	1.68
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	20	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	20	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	20	1.68
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	20	1.68
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	9	1.68
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	9	1.68
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	9	1.68
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	19	1.68
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	19	1.68
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	19	1.68
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	11	1.68
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	15	1.68
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	15	1.68
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	15	1.68
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	14	1.68
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	14	1.68
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	14	1.68
(1,778)	1:920:A:LEU:HD21	1:923:A:GLN:HG3	9	1.68
(1,778)	1:920:A:LEU:HD22	1:923:A:GLN:HG3	9	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,778)	1:920:A:LEU:HD23	1:923:A:GLN:HG3	9	1.68
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	3	1.68
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	3	1.68
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	3	1.68
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	1	1.68
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	19	1.68
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	19	1.68
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	19	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	2	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	2	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	2	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	6	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	6	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	6	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	7	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	7	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	7	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	10	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	10	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	10	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	18	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	18	1.68
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	18	1.68
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	8	1.68
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	8	1.68
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	8	1.68
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	5	1.68
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	15	1.68
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	17	1.68
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	17	1.68
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	17	1.68
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	17	1.68
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	17	1.68
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	17	1.68
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	17	1.68
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	17	1.68
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	17	1.68
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	10	1.68
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	10	1.68
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	10	1.68
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	5	1.68
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	17	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	17	1.68
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	17	1.68
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	10	1.68
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	10	1.68
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	10	1.68
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	18	1.68
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	18	1.68
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	18	1.68
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	12	1.68
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	12	1.68
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	12	1.68
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	11	1.68
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	11	1.68
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	15	1.68
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	15	1.68
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	15	1.68
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	6	1.68
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	6	1.68
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	6	1.68
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	6	1.68
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	6	1.68
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	6	1.68
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	6	1.68
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	6	1.68
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	6	1.68
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	10	1.68
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	10	1.68
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	10	1.68
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	12	1.68
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	12	1.68
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	12	1.68
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	12	1.68
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	12	1.68
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	12	1.68
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	12	1.68
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	12	1.68
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	12	1.68
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	19	1.68
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	19	1.68
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	19	1.68
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	19	1.68
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	19	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	19	1.68
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	19	1.68
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	19	1.68
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	19	1.68
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	5	1.68
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	5	1.68
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	5	1.68
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	2	1.68
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	2	1.68
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	2	1.68
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	2	1.68
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	2	1.68
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	2	1.68
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	10	1.68
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	10	1.68
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	10	1.68
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	10	1.68
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	10	1.68
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	10	1.68
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	10	1.68
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	10	1.68
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	10	1.68
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	15	1.68
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	15	1.68
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	15	1.68
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	15	1.68
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	15	1.68
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	15	1.68
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	15	1.68
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	15	1.68
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	15	1.68
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	2	1.68
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	7	1.68
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	17	1.68
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	17	1.68
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	17	1.68
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	17	1.68
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	17	1.68
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	17	1.68
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	12	1.68
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	12	1.68
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	12	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	7	1.68
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	7	1.68
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	6	1.68
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	6	1.68
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	6	1.68
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	1	1.68
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	1	1.68
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	1	1.68
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	19	1.68
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	15	1.68
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	15	1.68
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	8	1.68
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	8	1.68
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	8	1.68
(1,441)	1:869:A:VAL:HG11	1:873:A:LEU:HG	16	1.68
(1,441)	1:869:A:VAL:HG12	1:873:A:LEU:HG	16	1.68
(1,441)	1:869:A:VAL:HG13	1:873:A:LEU:HG	16	1.68
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	5	1.68
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	5	1.68
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	5	1.68
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD21	1	1.68
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD22	1	1.68
(1,432)	1:830:A:ALA:HB1	1:868:A:LEU:HD23	1	1.68
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD21	1	1.68
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD22	1	1.68
(1,432)	1:830:A:ALA:HB2	1:868:A:LEU:HD23	1	1.68
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD21	1	1.68
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD22	1	1.68
(1,432)	1:830:A:ALA:HB3	1:868:A:LEU:HD23	1	1.68
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	16	1.68
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	16	1.68
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	16	1.68
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	5	1.68
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	5	1.68
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	5	1.68
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	10	1.68
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	10	1.68
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	10	1.68
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	13	1.68
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	13	1.68
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	13	1.68
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	1	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	1	1.68
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	11	1.68
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	11	1.68
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	4	1.68
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	4	1.68
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	16	1.68
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	16	1.68
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	9	1.68
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	9	1.68
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	9	1.68
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	3	1.68
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	3	1.68
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	3	1.68
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	6	1.68
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	6	1.68
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	6	1.68
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	8	1.68
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	8	1.68
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	8	1.68
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	9	1.68
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	9	1.68
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	9	1.68
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	19	1.68
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	19	1.68
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	19	1.68
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	3	1.68
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	3	1.68
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	3	1.68
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	3	1.68
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	3	1.68
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	3	1.68
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	3	1.68
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	3	1.68
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	3	1.68
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	13	1.68
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	13	1.68
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	13	1.68
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	13	1.68
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	13	1.68
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	13	1.68
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	13	1.68
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	13	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	13	1.68
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	19	1.68
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	19	1.68
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	19	1.68
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	19	1.68
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	19	1.68
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	19	1.68
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	19	1.68
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	19	1.68
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	19	1.68
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	19	1.68
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	19	1.68
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	19	1.68
(1,334)	1:854:A:ILE:HG21	1:900:A:LEU:HA	5	1.68
(1,334)	1:854:A:ILE:HG22	1:900:A:LEU:HA	5	1.68
(1,334)	1:854:A:ILE:HG23	1:900:A:LEU:HA	5	1.68
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	9	1.68
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	9	1.68
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	9	1.68
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	15	1.68
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	15	1.68
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	15	1.68
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	19	1.68
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	19	1.68
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	19	1.68
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	8	1.68
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	8	1.68
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	8	1.68
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	13	1.68
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	13	1.68
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	13	1.68
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	13	1.68
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	13	1.68
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	13	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	4	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	4	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	4	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	4	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	4	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	4	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	4	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	4	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	4	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	8	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	8	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	8	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	8	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	8	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	8	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	8	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	8	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	8	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	10	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	10	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	10	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	10	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	10	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	10	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	10	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	10	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	10	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	11	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	11	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	11	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	11	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	11	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	11	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	11	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	11	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	11	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	12	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	12	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	12	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	12	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	12	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	12	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	12	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	12	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	12	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	16	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	16	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	16	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	16	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	16	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	16	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	16	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	16	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	16	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	17	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	17	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	17	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	17	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	17	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	17	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	17	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	17	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	17	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	18	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	18	1.68
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	18	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	18	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	18	1.68
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	18	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	18	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	18	1.68
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	18	1.68
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	19	1.68
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	19	1.68
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	19	1.68
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD22	8	1.68
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD23	8	1.68
(1,264)	1:841:A:LEU:HB3	1:841:A:LEU:HD21	8	1.68
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	14	1.68
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	14	1.68
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	14	1.68
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	2	1.68
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	2	1.68
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	2	1.68
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD11	4	1.68
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD12	4	1.68
(1,196)	1:829:A:LEU:HA	1:829:A:LEU:HD13	4	1.68
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	10	1.68
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	11	1.68
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	11	1.68
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	11	1.68
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	13	1.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	13	1.68
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	13	1.68
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	16	1.68
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	16	1.68
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	16	1.68
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	1	1.68
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	1	1.68
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	19	1.68
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	19	1.68
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	2	1.68
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	2	1.68
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	2	1.68
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	2	1.68
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	2	1.68
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	2	1.68
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	2	1.68
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	2	1.68
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	2	1.68
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	6	1.68
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	6	1.68
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	6	1.68
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	6	1.68
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	6	1.68
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	6	1.68
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	6	1.68
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	6	1.68
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	6	1.68
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	11	1.68
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	11	1.68
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	11	1.68
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	17	1.68
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	20	1.68
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	4	1.67
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	4	1.67
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	4	1.67
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	4	1.67
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	4	1.67
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	4	1.67
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	12	1.67
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	12	1.67
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	12	1.67
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	12	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	12	1.67
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	12	1.67
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD11	18	1.67
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD12	18	1.67
(1,3394)	1:926:A:LEU:HB2	1:926:A:LEU:HD13	18	1.67
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD11	18	1.67
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD12	18	1.67
(1,3394)	1:926:A:LEU:HB3	1:926:A:LEU:HD13	18	1.67
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	7	1.67
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	7	1.67
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	5	1.67
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	5	1.67
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	11	1.67
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	11	1.67
(1,3369)	1:914:A:LEU:HB2	1:917:A:ILE:H	14	1.67
(1,3369)	1:914:A:LEU:HB3	1:917:A:ILE:H	14	1.67
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	17	1.67
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	17	1.67
(1,3367)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	17	1.67
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD21	17	1.67
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD22	17	1.67
(1,3367)	1:914:A:LEU:HB3	1:914:A:LEU:HD23	17	1.67
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	5	1.67
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	5	1.67
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	18	1.67
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	18	1.67
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	12	1.67
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	12	1.67
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	17	1.67
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	17	1.67
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	11	1.67
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	11	1.67
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	19	1.67
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	19	1.67
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	20	1.67
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	20	1.67
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	8	1.67
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	8	1.67
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	8	1.67
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	8	1.67
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	8	1.67
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	8	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	15	1.67
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	15	1.67
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	15	1.67
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	15	1.67
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	15	1.67
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	15	1.67
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	14	1.67
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	14	1.67
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	16	1.67
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	16	1.67
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	9	1.67
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	9	1.67
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	9	1.67
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	9	1.67
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	18	1.67
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	18	1.67
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	18	1.67
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	18	1.67
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	13	1.67
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	13	1.67
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	11	1.67
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	11	1.67
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	11	1.67
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	11	1.67
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	11	1.67
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	11	1.67
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	18	1.67
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	18	1.67
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	18	1.67
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	18	1.67
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	18	1.67
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	18	1.67
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	18	1.67
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	18	1.67
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	20	1.67
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	20	1.67
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	20	1.67
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	20	1.67
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	13	1.67
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	13	1.67
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	13	1.67
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	13	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	13	1.67
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	13	1.67
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	7	1.67
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	7	1.67
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	2	1.67
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	2	1.67
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	2	1.67
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	2	1.67
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	9	1.67
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	9	1.67
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	17	1.67
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	17	1.67
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	12	1.67
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	12	1.67
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	16	1.67
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	16	1.67
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	19	1.67
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	19	1.67
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	19	1.67
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	19	1.67
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	16	1.67
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	16	1.67
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	12	1.67
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	12	1.67
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	12	1.67
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	12	1.67
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	12	1.67
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	12	1.67
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	17	1.67
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	17	1.67
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	3	1.67
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	3	1.67
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	3	1.67
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	12	1.67
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	12	1.67
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	12	1.67
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	17	1.67
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	17	1.67
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	17	1.67
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	18	1.67
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	7	1.67
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	7	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	7	1.67
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	8	1.67
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	2	1.67
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	19	1.67
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	7	1.67
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	15	1.67
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	3	1.67
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	3	1.67
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	3	1.67
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	3	1.67
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	3	1.67
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	3	1.67
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	7	1.67
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	7	1.67
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	7	1.67
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	16	1.67
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	16	1.67
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	16	1.67
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	20	1.67
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	20	1.67
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	20	1.67
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	6	1.67
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	6	1.67
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	6	1.67
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	1	1.67
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	1	1.67
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	1	1.67
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	1	1.67
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	1	1.67
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	1	1.67
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	1	1.67
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	1	1.67
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	1	1.67
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	19	1.67
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	19	1.67
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	19	1.67
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	19	1.67
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	19	1.67
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	19	1.67
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	19	1.67
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	19	1.67
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	19	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	2	1.67
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	2	1.67
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	10	1.67
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	10	1.67
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	10	1.67
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	16	1.67
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	16	1.67
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	16	1.67
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	1	1.67
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	1	1.67
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	1	1.67
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	3	1.67
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	3	1.67
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	3	1.67
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	19	1.67
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	19	1.67
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	19	1.67
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	19	1.67
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	19	1.67
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	19	1.67
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	19	1.67
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	19	1.67
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	19	1.67
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	2	1.67
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	2	1.67
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	2	1.67
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	5	1.67
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	5	1.67
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	3	1.67
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	3	1.67
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	3	1.67
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	15	1.67
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	3	1.67
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	1	1.67
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	1	1.67
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	4	1.67
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	4	1.67
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	13	1.67
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	13	1.67
(1,2730)	1:822:A:LYS:HB2	1:856:A:SER:HA	2	1.67
(1,2730)	1:822:A:LYS:HB3	1:856:A:SER:HA	2	1.67
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	14	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	1	1.67
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	18	1.67
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	18	1.67
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	18	1.67
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	3	1.67
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	9	1.67
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	8	1.67
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	8	1.67
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	8	1.67
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	19	1.67
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	19	1.67
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	19	1.67
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	19	1.67
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	19	1.67
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	19	1.67
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	13	1.67
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	13	1.67
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	13	1.67
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	5	1.67
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	5	1.67
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	5	1.67
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	6	1.67
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	6	1.67
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	6	1.67
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	8	1.67
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	8	1.67
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	8	1.67
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	5	1.67
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	5	1.67
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	5	1.67
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	5	1.67
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	5	1.67
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	5	1.67
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	13	1.67
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	13	1.67
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	13	1.67
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	13	1.67
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	13	1.67
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	13	1.67
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	1	1.67
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	1	1.67
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	1	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	13	1.67
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	15	1.67
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	14	1.67
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	14	1.67
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	20	1.67
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	20	1.67
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	20	1.67
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	20	1.67
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	13	1.67
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	13	1.67
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD2	17	1.67
(1,2539)	1:900:A:LEU:HB3	1:901:A:PHE:HD1	17	1.67
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	20	1.67
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	20	1.67
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	20	1.67
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	10	1.67
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	10	1.67
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	10	1.67
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	10	1.67
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	16	1.67
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	4	1.67
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	4	1.67
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	10	1.67
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	13	1.67
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	2	1.67
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	2	1.67
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	15	1.67
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	15	1.67
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	17	1.67
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	17	1.67
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	8	1.67
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	8	1.67
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	10	1.67
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	10	1.67
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	13	1.67
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	13	1.67
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	16	1.67
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	16	1.67
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	1	1.67
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	1	1.67
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	1	1.67
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	1	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	1	1.67
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	1	1.67
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	19	1.67
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	19	1.67
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	14	1.67
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	14	1.67
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	14	1.67
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	14	1.67
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	14	1.67
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	14	1.67
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	20	1.67
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	20	1.67
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	20	1.67
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	20	1.67
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	20	1.67
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	20	1.67
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	18	1.67
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	18	1.67
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	18	1.67
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	9	1.67
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	9	1.67
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	9	1.67
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	9	1.67
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	9	1.67
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	9	1.67
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	12	1.67
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	12	1.67
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	12	1.67
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	12	1.67
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	12	1.67
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	12	1.67
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	8	1.67
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	8	1.67
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	19	1.67
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	19	1.67
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	18	1.67
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	18	1.67
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	18	1.67
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	18	1.67
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	20	1.67
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	20	1.67
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	20	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	20	1.67
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	12	1.67
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	12	1.67
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	12	1.67
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	12	1.67
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	12	1.67
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	12	1.67
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	3	1.67
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	3	1.67
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	3	1.67
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	3	1.67
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	19	1.67
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	19	1.67
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	5	1.67
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	5	1.67
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	5	1.67
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	5	1.67
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	5	1.67
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	5	1.67
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	3	1.67
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	3	1.67
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	3	1.67
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	3	1.67
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	4	1.67
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	4	1.67
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	4	1.67
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	11	1.67
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	11	1.67
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	11	1.67
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	8	1.67
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	8	1.67
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	8	1.67
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	8	1.67
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	8	1.67
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	8	1.67
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	20	1.67
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	20	1.67
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	12	1.67
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	12	1.67
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	12	1.67
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	19	1.67
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	9	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	9	1.67
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	16	1.67
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	16	1.67
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	2	1.67
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	2	1.67
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	9	1.67
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	14	1.67
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	14	1.67
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	14	1.67
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	6	1.67
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	6	1.67
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	6	1.67
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	9	1.67
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	9	1.67
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	9	1.67
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	3	1.67
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	3	1.67
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	3	1.67
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	20	1.67
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	20	1.67
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	20	1.67
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	15	1.67
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	15	1.67
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	4	1.67
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	15	1.67
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	14	1.67
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	14	1.67
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	17	1.67
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	17	1.67
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	4	1.67
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	3	1.67
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	10	1.67
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	17	1.67
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	18	1.67
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	9	1.67
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	9	1.67
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	5	1.67
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	7	1.67
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	7	1.67
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	16	1.67
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	16	1.67
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	8	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	8	1.67
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	8	1.67
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	18	1.67
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	18	1.67
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	5	1.67
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	7	1.67
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	7	1.67
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	19	1.67
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	19	1.67
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	19	1.67
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	16	1.67
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	10	1.67
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	10	1.67
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	1	1.67
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	19	1.67
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	15	1.67
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	15	1.67
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	15	1.67
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	19	1.67
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	19	1.67
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	7	1.67
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	7	1.67
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	7	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	10	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	10	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	10	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	10	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	10	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	10	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	13	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	13	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	13	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	13	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	13	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	13	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	19	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	19	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	19	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	19	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	19	1.67
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	19	1.67
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	2	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	2	1.67
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	8	1.67
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	16	1.67
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	18	1.67
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	18	1.67
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	18	1.67
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	8	1.67
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	8	1.67
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	8	1.67
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	10	1.67
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	10	1.67
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	10	1.67
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	15	1.67
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	15	1.67
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	15	1.67
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	4	1.67
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	5	1.67
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	5	1.67
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	5	1.67
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	5	1.67
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	15	1.67
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	15	1.67
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	5	1.67
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	19	1.67
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	19	1.67
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	19	1.67
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	19	1.67
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	19	1.67
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	19	1.67
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	5	1.67
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	5	1.67
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	5	1.67
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	15	1.67
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	15	1.67
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	1	1.67
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	1	1.67
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	1	1.67
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	1	1.67
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	1	1.67
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	1	1.67
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	7	1.67
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	7	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	7	1.67
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	19	1.67
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	19	1.67
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	19	1.67
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	15	1.67
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	15	1.67
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	15	1.67
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	15	1.67
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	15	1.67
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	15	1.67
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	15	1.67
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	15	1.67
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	15	1.67
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	9	1.67
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	9	1.67
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	9	1.67
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	1	1.67
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	1	1.67
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	1	1.67
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	19	1.67
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	19	1.67
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	19	1.67
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	17	1.67
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	17	1.67
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	20	1.67
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	20	1.67
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	20	1.67
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	20	1.67
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	20	1.67
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	11	1.67
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	11	1.67
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	11	1.67
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	15	1.67
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	15	1.67
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	15	1.67
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	16	1.67
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	16	1.67
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	16	1.67
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	4	1.67
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	4	1.67
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	4	1.67
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	4	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	4	1.67
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	4	1.67
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	4	1.67
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	4	1.67
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	4	1.67
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	12	1.67
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	12	1.67
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	12	1.67
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	12	1.67
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	12	1.67
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	12	1.67
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	12	1.67
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	12	1.67
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	12	1.67
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	12	1.67
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	12	1.67
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	12	1.67
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	12	1.67
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	12	1.67
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	12	1.67
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	3	1.67
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	3	1.67
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	3	1.67
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	13	1.67
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	13	1.67
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	13	1.67
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	13	1.67
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	13	1.67
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	13	1.67
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	13	1.67
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	13	1.67
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	13	1.67
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	7	1.67
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	5	1.67
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	5	1.67
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	5	1.67
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	7	1.67
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	7	1.67
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	7	1.67
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	13	1.67
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	13	1.67
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	13	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	16	1.67
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	16	1.67
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	16	1.67
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	17	1.67
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	17	1.67
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	17	1.67
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	15	1.67
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	15	1.67
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	16	1.67
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	16	1.67
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	4	1.67
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	4	1.67
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	4	1.67
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	16	1.67
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	16	1.67
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	16	1.67
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	11	1.67
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	11	1.67
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	11	1.67
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	11	1.67
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	11	1.67
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	11	1.67
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	11	1.67
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	11	1.67
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	11	1.67
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	13	1.67
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	13	1.67
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	13	1.67
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	13	1.67
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	13	1.67
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	13	1.67
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	13	1.67
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	13	1.67
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	13	1.67
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	8	1.67
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	8	1.67
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	8	1.67
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	14	1.67
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	14	1.67
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	14	1.67
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	3	1.67
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	3	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	3	1.67
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	10	1.67
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	10	1.67
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	10	1.67
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	6	1.67
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	6	1.67
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	6	1.67
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	5	1.67
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	14	1.67
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	14	1.67
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	14	1.67
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	14	1.67
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	14	1.67
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	14	1.67
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	4	1.67
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	4	1.67
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	4	1.67
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	4	1.67
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	4	1.67
(1,455)	1:871:A:GLN:HA	1:874:A:LEU:HB3	11	1.67
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	8	1.67
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	5	1.67
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	5	1.67
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	5	1.67
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	15	1.67
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	15	1.67
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	15	1.67
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	20	1.67
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	20	1.67
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	20	1.67
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	15	1.67
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	15	1.67
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	15	1.67
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	16	1.67
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	16	1.67
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	16	1.67
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	12	1.67
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	12	1.67
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	12	1.67
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	2	1.67
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	2	1.67
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	2	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	7	1.67
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	7	1.67
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	7	1.67
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	13	1.67
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	13	1.67
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	13	1.67
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	17	1.67
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	17	1.67
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	17	1.67
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	18	1.67
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	18	1.67
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	18	1.67
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	3	1.67
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	12	1.67
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	12	1.67
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	12	1.67
(1,329)	1:854:A:ILE:HG21	1:899:A:GLN:HB2	14	1.67
(1,329)	1:854:A:ILE:HG22	1:899:A:GLN:HB2	14	1.67
(1,329)	1:854:A:ILE:HG23	1:899:A:GLN:HB2	14	1.67
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	1	1.67
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	1	1.67
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	1	1.67
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	1	1.67
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	1	1.67
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	1	1.67
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	16	1.67
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	16	1.67
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	16	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	2	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	2	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	2	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	2	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	2	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	2	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	2	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	2	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	2	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	3	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	3	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	3	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	3	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	3	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	3	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	3	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	3	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	3	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	9	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	9	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	9	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	9	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	9	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	9	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	9	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	9	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	9	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	15	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	15	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	15	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	15	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	15	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	15	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	15	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	15	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	15	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	19	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	19	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	19	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	19	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	19	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	19	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	19	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	19	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	19	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD11	20	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD12	20	1.67
(1,324)	1:854:A:ILE:HG21	1:897:A:ILE:HD13	20	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD11	20	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD12	20	1.67
(1,324)	1:854:A:ILE:HG22	1:897:A:ILE:HD13	20	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD11	20	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD12	20	1.67
(1,324)	1:854:A:ILE:HG23	1:897:A:ILE:HD13	20	1.67
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	8	1.67
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	8	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	8	1.67
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	17	1.67
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	17	1.67
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	1	1.67
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG21	18	1.67
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG22	18	1.67
(1,220)	1:809:A:PHE:HD2	1:832:A:THR:HG23	18	1.67
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG21	18	1.67
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG22	18	1.67
(1,220)	1:809:A:PHE:HD1	1:832:A:THR:HG23	18	1.67
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	8	1.67
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	8	1.67
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	8	1.67
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	8	1.67
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	8	1.67
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	10	1.67
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	10	1.67
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	5	1.67
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	5	1.67
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	5	1.67
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	7	1.67
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	7	1.67
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	7	1.67
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	16	1.67
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	16	1.67
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	16	1.67
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	15	1.67
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	15	1.67
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	15	1.67
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	16	1.67
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	16	1.67
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	16	1.67
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	18	1.67
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	2	1.67
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	2	1.67
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	2	1.67
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	2	1.67
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	2	1.67
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	2	1.67
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	12	1.67
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	12	1.67
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	12	1.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	15	1.67
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	15	1.67
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	15	1.67
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	15	1.67
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	15	1.67
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	15	1.67
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	17	1.67
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	17	1.67
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	17	1.67
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	17	1.67
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	17	1.67
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	17	1.67
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	15	1.67
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	15	1.67
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	15	1.67
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	20	1.67
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	20	1.67
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	20	1.67
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	6	1.66
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	6	1.66
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	17	1.66
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	17	1.66
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	8	1.66
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	8	1.66
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	16	1.66
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	16	1.66
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE1	16	1.66
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE2	16	1.66
(1,3316)	1:885:A:MET:HB2	1:885:A:MET:HE3	16	1.66
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE1	16	1.66
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE2	16	1.66
(1,3316)	1:885:A:MET:HB3	1:885:A:MET:HE3	16	1.66
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	3	1.66
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	3	1.66
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	3	1.66
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	3	1.66
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	12	1.66
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	12	1.66
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	12	1.66
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	12	1.66
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	15	1.66
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	15	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	15	1.66
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	15	1.66
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	15	1.66
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	15	1.66
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	14	1.66
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	14	1.66
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	13	1.66
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	13	1.66
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	13	1.66
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	13	1.66
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	13	1.66
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	13	1.66
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	10	1.66
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	10	1.66
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	10	1.66
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	10	1.66
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	10	1.66
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	10	1.66
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	3	1.66
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	3	1.66
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	3	1.66
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	3	1.66
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	10	1.66
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	10	1.66
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	2	1.66
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	2	1.66
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	2	1.66
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	2	1.66
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	2	1.66
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	2	1.66
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	17	1.66
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	17	1.66
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	17	1.66
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	17	1.66
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	17	1.66
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	17	1.66
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG12	9	1.66
(1,3064)	1:809:A:PHE:HD2	1:813:A:ILE:HG13	9	1.66
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG12	9	1.66
(1,3064)	1:809:A:PHE:HD1	1:813:A:ILE:HG13	9	1.66
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	7	1.66
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	7	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	20	1.66
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	20	1.66
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	10	1.66
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	10	1.66
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	17	1.66
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	17	1.66
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	20	1.66
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	20	1.66
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	11	1.66
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	11	1.66
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	11	1.66
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	11	1.66
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	11	1.66
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	11	1.66
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	15	1.66
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	19	1.66
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	9	1.66
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	9	1.66
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	13	1.66
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	13	1.66
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	13	1.66
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	20	1.66
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	6	1.66
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	4	1.66
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	15	1.66
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	8	1.66
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	8	1.66
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	8	1.66
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	8	1.66
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	8	1.66
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	8	1.66
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	8	1.66
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	8	1.66
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	8	1.66
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	8	1.66
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	8	1.66
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	8	1.66
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	12	1.66
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	12	1.66
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	12	1.66
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	12	1.66
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	12	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	12	1.66
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	12	1.66
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	12	1.66
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	12	1.66
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	6	1.66
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	6	1.66
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	13	1.66
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	13	1.66
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	13	1.66
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	15	1.66
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	15	1.66
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	15	1.66
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD21	11	1.66
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD22	11	1.66
(1,2814)	1:852:A:LEU:HB2	1:852:A:LEU:HD23	11	1.66
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	11	1.66
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	11	1.66
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	11	1.66
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	11	1.66
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	11	1.66
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	11	1.66
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	11	1.66
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	11	1.66
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	11	1.66
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	1	1.66
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	1	1.66
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	8	1.66
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	8	1.66
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	4	1.66
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	4	1.66
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	20	1.66
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	20	1.66
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	20	1.66
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	10	1.66
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	10	1.66
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	10	1.66
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	11	1.66
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	11	1.66
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	11	1.66
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	12	1.66
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	12	1.66
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	12	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	18	1.66
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	18	1.66
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	18	1.66
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	6	1.66
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	15	1.66
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	15	1.66
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	15	1.66
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	8	1.66
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	8	1.66
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	2	1.66
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	8	1.66
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	2	1.66
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	17	1.66
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	17	1.66
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	17	1.66
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	14	1.66
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	14	1.66
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	14	1.66
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	20	1.66
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	20	1.66
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	20	1.66
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	20	1.66
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	20	1.66
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	20	1.66
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	7	1.66
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	7	1.66
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	7	1.66
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	17	1.66
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	17	1.66
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	17	1.66
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	17	1.66
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	6	1.66
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	7	1.66
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	7	1.66
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	7	1.66
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	17	1.66
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	17	1.66
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	17	1.66
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	2	1.66
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	2	1.66
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	2	1.66
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	1	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	1	1.66
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	1	1.66
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	1	1.66
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	1	1.66
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	1	1.66
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	5	1.66
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	5	1.66
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	5	1.66
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	5	1.66
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	5	1.66
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	5	1.66
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	18	1.66
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	18	1.66
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	18	1.66
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	2	1.66
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	2	1.66
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	2	1.66
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	2	1.66
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	6	1.66
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	6	1.66
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	6	1.66
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	6	1.66
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	6	1.66
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	6	1.66
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	11	1.66
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	11	1.66
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	11	1.66
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	16	1.66
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	16	1.66
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	16	1.66
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	12	1.66
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	12	1.66
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	12	1.66
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	14	1.66
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	5	1.66
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	5	1.66
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	3	1.66
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	3	1.66
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	11	1.66
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	11	1.66
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	11	1.66
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	11	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	16	1.66
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	16	1.66
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	4	1.66
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	7	1.66
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	12	1.66
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	12	1.66
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	18	1.66
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	18	1.66
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	8	1.66
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	11	1.66
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	11	1.66
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	12	1.66
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	12	1.66
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	4	1.66
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	4	1.66
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	11	1.66
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	11	1.66
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	19	1.66
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	19	1.66
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	20	1.66
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	20	1.66
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	12	1.66
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	12	1.66
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	15	1.66
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	15	1.66
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	20	1.66
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	20	1.66
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	14	1.66
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	14	1.66
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	9	1.66
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	9	1.66
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	18	1.66
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	18	1.66
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	20	1.66
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	20	1.66
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	8	1.66
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	8	1.66
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	8	1.66
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	8	1.66
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	8	1.66
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	8	1.66
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	16	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	16	1.66
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	10	1.66
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	10	1.66
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	10	1.66
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	10	1.66
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	10	1.66
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	10	1.66
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	17	1.66
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	17	1.66
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	17	1.66
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	17	1.66
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	17	1.66
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	17	1.66
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	2	1.66
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	2	1.66
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	2	1.66
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	2	1.66
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	2	1.66
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	2	1.66
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	10	1.66
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	10	1.66
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	10	1.66
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	10	1.66
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	8	1.66
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	8	1.66
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	8	1.66
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	8	1.66
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	8	1.66
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	8	1.66
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	17	1.66
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	17	1.66
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	17	1.66
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	17	1.66
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	17	1.66
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	17	1.66
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	12	1.66
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	12	1.66
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	12	1.66
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	12	1.66
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	12	1.66
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	12	1.66
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	16	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	16	1.66
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	15	1.66
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	15	1.66
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	15	1.66
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	15	1.66
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	17	1.66
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	17	1.66
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	17	1.66
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	17	1.66
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE1	5	1.66
(1,2305)	1:882:A:PHE:HE2	1:924:A:TYR:HE2	5	1.66
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE1	5	1.66
(1,2305)	1:882:A:PHE:HE1	1:924:A:TYR:HE2	5	1.66
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	12	1.66
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	12	1.66
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	16	1.66
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	16	1.66
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD1	5	1.66
(1,2282)	1:840:A:PHE:HA	1:840:A:PHE:HD2	5	1.66
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	3	1.66
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	3	1.66
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	3	1.66
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD1	13	1.66
(1,2246)	1:882:A:PHE:HZ	1:924:A:TYR:HD2	13	1.66
(1,2236)	1:876:A:LEU:HD21	1:924:A:TYR:HH	11	1.66
(1,2236)	1:876:A:LEU:HD22	1:924:A:TYR:HH	11	1.66
(1,2236)	1:876:A:LEU:HD23	1:924:A:TYR:HH	11	1.66
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	18	1.66
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	18	1.66
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	18	1.66
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	7	1.66
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	11	1.66
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	3	1.66
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	3	1.66
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	3	1.66
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	15	1.66
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	15	1.66
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	15	1.66
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	1	1.66
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	3	1.66
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	2	1.66
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	2	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	2	1.66
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	10	1.66
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	10	1.66
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	10	1.66
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	6	1.66
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	16	1.66
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	15	1.66
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	15	1.66
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	16	1.66
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	16	1.66
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	3	1.66
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	3	1.66
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	4	1.66
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	8	1.66
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	7	1.66
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	7	1.66
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	7	1.66
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	12	1.66
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	12	1.66
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	3	1.66
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	3	1.66
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	3	1.66
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	9	1.66
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	9	1.66
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	2	1.66
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	2	1.66
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	12	1.66
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	12	1.66
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	11	1.66
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	11	1.66
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	12	1.66
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	12	1.66
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	2	1.66
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	2	1.66
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	2	1.66
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	17	1.66
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	17	1.66
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	17	1.66
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	17	1.66
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	19	1.66
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	19	1.66
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	10	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	10	1.66
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	10	1.66
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	3	1.66
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	3	1.66
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	13	1.66
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	13	1.66
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	14	1.66
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	2	1.66
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	2	1.66
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	2	1.66
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	13	1.66
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	13	1.66
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	13	1.66
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	2	1.66
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	2	1.66
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	2	1.66
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	12	1.66
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	12	1.66
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	12	1.66
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	18	1.66
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	18	1.66
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	18	1.66
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	19	1.66
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	19	1.66
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	19	1.66
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	6	1.66
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	10	1.66
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	10	1.66
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	10	1.66
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	10	1.66
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	10	1.66
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	12	1.66
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	12	1.66
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	14	1.66
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	14	1.66
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	8	1.66
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	16	1.66
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	16	1.66
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	16	1.66
(1,1041)	1:813:A:ILE:HG21	1:814:A:ASN:HD22	12	1.66
(1,1041)	1:813:A:ILE:HG22	1:814:A:ASN:HD22	12	1.66
(1,1041)	1:813:A:ILE:HG23	1:814:A:ASN:HD22	12	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	10	1.66
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	10	1.66
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	11	1.66
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	18	1.66
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	18	1.66
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	8	1.66
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	8	1.66
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	14	1.66
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	14	1.66
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	6	1.66
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	12	1.66
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	12	1.66
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	12	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	3	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	3	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	3	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	3	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	3	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	3	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	16	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	16	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	16	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	16	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	16	1.66
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	16	1.66
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	7	1.66
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	7	1.66
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	11	1.66
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	11	1.66
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	11	1.66
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	3	1.66
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	3	1.66
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	3	1.66
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	3	1.66
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	3	1.66
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	3	1.66
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	3	1.66
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	3	1.66
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	3	1.66
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	3	1.66
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	3	1.66
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	3	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	16	1.66
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	16	1.66
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	16	1.66
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	16	1.66
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	16	1.66
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	16	1.66
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	16	1.66
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	16	1.66
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	16	1.66
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	7	1.66
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	7	1.66
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	7	1.66
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	4	1.66
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	4	1.66
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	4	1.66
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	9	1.66
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	9	1.66
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	9	1.66
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	20	1.66
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	20	1.66
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	20	1.66
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	12	1.66
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	12	1.66
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	15	1.66
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	15	1.66
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	17	1.66
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	17	1.66
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	17	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	1	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	1	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	1	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	7	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	7	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	7	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	14	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	14	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	14	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	20	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	20	1.66
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	20	1.66
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	1	1.66
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	1	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	1	1.66
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	1	1.66
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	1	1.66
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	1	1.66
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	3	1.66
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	3	1.66
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	5	1.66
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	5	1.66
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	5	1.66
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	8	1.66
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	8	1.66
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	8	1.66
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	12	1.66
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	14	1.66
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	14	1.66
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	14	1.66
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	2	1.66
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	2	1.66
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	2	1.66
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	2	1.66
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	2	1.66
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	2	1.66
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	2	1.66
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	2	1.66
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	2	1.66
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	13	1.66
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	2	1.66
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	2	1.66
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	2	1.66
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	12	1.66
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	12	1.66
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	12	1.66
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	17	1.66
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	17	1.66
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	17	1.66
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	18	1.66
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	18	1.66
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	18	1.66
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	19	1.66
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	19	1.66
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	19	1.66
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	1	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	9	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	9	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	9	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	11	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	11	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	11	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	12	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	12	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	12	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	15	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	15	1.66
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	15	1.66
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	4	1.66
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	4	1.66
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	17	1.66
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	17	1.66
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	17	1.66
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	6	1.66
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	6	1.66
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	6	1.66
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	8	1.66
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	8	1.66
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	8	1.66
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	14	1.66
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	14	1.66
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	14	1.66
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	16	1.66
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	16	1.66
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	16	1.66
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD12	7	1.66
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD13	7	1.66
(1,593)	1:889:A:ILE:HG21	1:889:A:ILE:HD11	7	1.66
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD12	7	1.66
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD13	7	1.66
(1,593)	1:889:A:ILE:HG22	1:889:A:ILE:HD11	7	1.66
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD12	7	1.66
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD13	7	1.66
(1,593)	1:889:A:ILE:HG23	1:889:A:ILE:HD11	7	1.66
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	14	1.66
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	14	1.66
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	14	1.66
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	16	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	16	1.66
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	16	1.66
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	19	1.66
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	19	1.66
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	19	1.66
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	13	1.66
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	13	1.66
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	13	1.66
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	13	1.66
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	13	1.66
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	13	1.66
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	7	1.66
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	7	1.66
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	7	1.66
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	7	1.66
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	7	1.66
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	7	1.66
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	7	1.66
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	7	1.66
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	7	1.66
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	13	1.66
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	13	1.66
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	13	1.66
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	6	1.66
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	6	1.66
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	6	1.66
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	10	1.66
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	10	1.66
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	10	1.66
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	11	1.66
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	11	1.66
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	3	1.66
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	18	1.66
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	18	1.66
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	18	1.66
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	11	1.66
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	11	1.66
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	11	1.66
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	8	1.66
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	8	1.66
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	8	1.66
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	19	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	19	1.66
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	19	1.66
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	10	1.66
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	10	1.66
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	10	1.66
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	5	1.66
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	5	1.66
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	5	1.66
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	10	1.66
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	10	1.66
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	10	1.66
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	20	1.66
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	20	1.66
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	20	1.66
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	9	1.66
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	6	1.66
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	6	1.66
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	6	1.66
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	8	1.66
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	8	1.66
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	8	1.66
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	2	1.66
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	2	1.66
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	2	1.66
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	2	1.66
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	2	1.66
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	2	1.66
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	2	1.66
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	2	1.66
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	2	1.66
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	10	1.66
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	10	1.66
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	10	1.66
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	10	1.66
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	10	1.66
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	10	1.66
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	10	1.66
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	10	1.66
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	10	1.66
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	20	1.66
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	20	1.66
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	20	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	12	1.66
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	12	1.66
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	12	1.66
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	8	1.66
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	8	1.66
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	8	1.66
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	11	1.66
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	11	1.66
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	11	1.66
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	4	1.66
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	4	1.66
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	4	1.66
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	7	1.66
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	7	1.66
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	7	1.66
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	7	1.66
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	7	1.66
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	7	1.66
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	16	1.66
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	16	1.66
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	19	1.66
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	19	1.66
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	15	1.66
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	16	1.66
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	7	1.66
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	7	1.66
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	7	1.66
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	7	1.66
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	19	1.66
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	19	1.66
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	19	1.66
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	13	1.66
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	13	1.66
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	5	1.66
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	5	1.66
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	5	1.66
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	1	1.66
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	1	1.66
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	1	1.66
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	6	1.66
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	6	1.66
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	6	1.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	7	1.66
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	7	1.66
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	7	1.66
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	17	1.66
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	17	1.66
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	17	1.66
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	3	1.66
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	3	1.66
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	3	1.66
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	8	1.66
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	8	1.66
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	8	1.66
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	9	1.66
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	9	1.66
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	9	1.66
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	1	1.66
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	1	1.66
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	1	1.66
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	10	1.66
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	2	1.66
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	2	1.66
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	2	1.66
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	2	1.66
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	2	1.66
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	2	1.66
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	16	1.66
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	16	1.66
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	16	1.66
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	15	1.66
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	15	1.66
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	15	1.66
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	2	1.65
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	2	1.65
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	6	1.65
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	6	1.65
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	3	1.65
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	3	1.65
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	5	1.65
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	5	1.65
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	6	1.65
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	6	1.65
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	4	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	4	1.65
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	9	1.65
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	9	1.65
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	15	1.65
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	15	1.65
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	13	1.65
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	13	1.65
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	20	1.65
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	20	1.65
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	20	1.65
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	20	1.65
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	16	1.65
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	16	1.65
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	16	1.65
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	16	1.65
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	6	1.65
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	6	1.65
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	6	1.65
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	6	1.65
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	6	1.65
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	6	1.65
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB2	10	1.65
(1,3262)	1:869:A:VAL:HG11	1:872:A:HIS:HB3	10	1.65
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB2	10	1.65
(1,3262)	1:869:A:VAL:HG12	1:872:A:HIS:HB3	10	1.65
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB2	10	1.65
(1,3262)	1:869:A:VAL:HG13	1:872:A:HIS:HB3	10	1.65
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	16	1.65
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	16	1.65
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	16	1.65
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	16	1.65
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	16	1.65
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	16	1.65
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	9	1.65
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	9	1.65
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	9	1.65
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	9	1.65
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	9	1.65
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	9	1.65
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	7	1.65
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	7	1.65
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	2	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	2	1.65
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	2	1.65
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	2	1.65
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	2	1.65
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	2	1.65
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	14	1.65
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	14	1.65
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	14	1.65
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	14	1.65
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	14	1.65
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	14	1.65
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	19	1.65
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	19	1.65
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	8	1.65
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	8	1.65
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	20	1.65
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	20	1.65
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	6	1.65
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	6	1.65
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB2	15	1.65
(1,3052)	1:806:A:ALA:HB1	1:842:A:SER:HB3	15	1.65
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB2	15	1.65
(1,3052)	1:806:A:ALA:HB2	1:842:A:SER:HB3	15	1.65
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB2	15	1.65
(1,3052)	1:806:A:ALA:HB3	1:842:A:SER:HB3	15	1.65
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	19	1.65
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	19	1.65
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	17	1.65
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	17	1.65
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	18	1.65
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	18	1.65
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	8	1.65
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	8	1.65
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	6	1.65
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	6	1.65
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	18	1.65
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	15	1.65
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	15	1.65
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	15	1.65
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	14	1.65
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	8	1.65
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	8	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	13	1.65
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	13	1.65
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	16	1.65
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	19	1.65
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	13	1.65
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	20	1.65
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	12	1.65
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	12	1.65
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	12	1.65
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	15	1.65
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	15	1.65
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	15	1.65
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	2	1.65
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	2	1.65
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	2	1.65
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	10	1.65
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	10	1.65
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	10	1.65
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	15	1.65
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	15	1.65
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	15	1.65
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	13	1.65
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	13	1.65
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	13	1.65
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	13	1.65
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	13	1.65
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	13	1.65
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	13	1.65
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	13	1.65
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	13	1.65
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	17	1.65
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	17	1.65
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	17	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	2	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	2	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	2	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	4	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	4	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	4	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	6	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	6	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	6	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	7	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	7	1.65
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	7	1.65
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	13	1.65
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	13	1.65
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	13	1.65
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	18	1.65
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	18	1.65
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	18	1.65
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	18	1.65
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	18	1.65
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	18	1.65
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	18	1.65
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	18	1.65
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	18	1.65
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	8	1.65
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	8	1.65
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	17	1.65
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	17	1.65
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	5	1.65
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	5	1.65
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	5	1.65
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	7	1.65
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	7	1.65
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	7	1.65
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	13	1.65
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	13	1.65
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	13	1.65
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	7	1.65
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	7	1.65
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	7	1.65
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	13	1.65
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	13	1.65
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	13	1.65
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	20	1.65
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	20	1.65
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	20	1.65
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	15	1.65
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	15	1.65
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	15	1.65
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	1	1.65
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	14	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	10	1.65
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	18	1.65
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	6	1.65
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	6	1.65
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	6	1.65
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	6	1.65
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	6	1.65
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	6	1.65
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	3	1.65
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	3	1.65
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	3	1.65
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	3	1.65
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	13	1.65
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	2	1.65
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	20	1.65
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	20	1.65
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	20	1.65
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	6	1.65
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	6	1.65
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	6	1.65
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	6	1.65
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	6	1.65
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	6	1.65
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	13	1.65
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	13	1.65
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	13	1.65
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	10	1.65
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	10	1.65
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	10	1.65
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	16	1.65
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	16	1.65
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	16	1.65
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	16	1.65
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	18	1.65
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	18	1.65
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	18	1.65
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	18	1.65
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	15	1.65
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	15	1.65
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	15	1.65
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	15	1.65
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	8	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	15	1.65
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	14	1.65
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	14	1.65
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	11	1.65
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	11	1.65
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	3	1.65
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	3	1.65
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	3	1.65
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	3	1.65
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	12	1.65
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	12	1.65
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	7	1.65
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	7	1.65
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	7	1.65
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	9	1.65
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	9	1.65
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	10	1.65
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	10	1.65
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	9	1.65
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	6	1.65
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	6	1.65
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	16	1.65
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	16	1.65
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	9	1.65
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	9	1.65
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	9	1.65
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	9	1.65
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	9	1.65
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	9	1.65
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	7	1.65
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	7	1.65
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	7	1.65
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	7	1.65
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	7	1.65
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	7	1.65
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	7	1.65
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	7	1.65
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	7	1.65
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	7	1.65
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	7	1.65
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	7	1.65
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	18	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	18	1.65
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	18	1.65
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	18	1.65
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	18	1.65
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	18	1.65
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	17	1.65
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	17	1.65
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	17	1.65
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	17	1.65
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	17	1.65
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	17	1.65
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD13	19	1.65
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD11	19	1.65
(1,2365)	1:827:A:HIS:HD2	1:831:A:ILE:HD12	19	1.65
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	5	1.65
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	5	1.65
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	5	1.65
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	11	1.65
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	11	1.65
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	11	1.65
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	11	1.65
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	11	1.65
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	11	1.65
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	16	1.65
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	16	1.65
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	7	1.65
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	7	1.65
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	11	1.65
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	11	1.65
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	11	1.65
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	11	1.65
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	11	1.65
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	11	1.65
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD1	12	1.65
(1,2320)	1:876:A:LEU:HD13	1:882:A:PHE:HD2	12	1.65
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD1	12	1.65
(1,2320)	1:876:A:LEU:HD11	1:882:A:PHE:HD2	12	1.65
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD1	12	1.65
(1,2320)	1:876:A:LEU:HD12	1:882:A:PHE:HD2	12	1.65
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	19	1.65
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	19	1.65
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	19	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	19	1.65
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	19	1.65
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	19	1.65
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	14	1.65
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	14	1.65
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	14	1.65
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	14	1.65
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	14	1.65
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	14	1.65
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	13	1.65
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	13	1.65
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	13	1.65
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	13	1.65
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	19	1.65
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	19	1.65
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	19	1.65
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	19	1.65
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	18	1.65
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	18	1.65
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	10	1.65
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	9	1.65
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	9	1.65
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	9	1.65
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	5	1.65
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	5	1.65
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	5	1.65
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	3	1.65
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	3	1.65
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	3	1.65
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	2	1.65
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	2	1.65
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	2	1.65
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	2	1.65
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	2	1.65
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	2	1.65
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	3	1.65
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	3	1.65
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	3	1.65
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	16	1.65
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	16	1.65
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	16	1.65
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	18	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	18	1.65
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	18	1.65
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	10	1.65
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	13	1.65
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	13	1.65
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	20	1.65
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	20	1.65
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	15	1.65
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	15	1.65
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	18	1.65
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	18	1.65
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	9	1.65
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	15	1.65
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	5	1.65
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	5	1.65
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	5	1.65
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	11	1.65
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	11	1.65
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	17	1.65
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	17	1.65
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	17	1.65
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD11	6	1.65
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD12	6	1.65
(1,1899)	1:898:A:GLU:H	1:926:A:LEU:HD13	6	1.65
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	2	1.65
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	7	1.65
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	12	1.65
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	1	1.65
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	1	1.65
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	2	1.65
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	2	1.65
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	3	1.65
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	3	1.65
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	8	1.65
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	8	1.65
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	16	1.65
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	16	1.65
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	20	1.65
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	20	1.65
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	1	1.65
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	1	1.65
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	1	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	12	1.65
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	13	1.65
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	20	1.65
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	6	1.65
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	6	1.65
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	13	1.65
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	13	1.65
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	10	1.65
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	10	1.65
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	10	1.65
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	2	1.65
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	2	1.65
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	4	1.65
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	4	1.65
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	17	1.65
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	17	1.65
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	18	1.65
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	18	1.65
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	18	1.65
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	18	1.65
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	18	1.65
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	18	1.65
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	7	1.65
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	7	1.65
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	7	1.65
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	15	1.65
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	12	1.65
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	12	1.65
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	19	1.65
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	19	1.65
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	20	1.65
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	20	1.65
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	7	1.65
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	7	1.65
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	7	1.65
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	1	1.65
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	9	1.65
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	14	1.65
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	17	1.65
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	17	1.65
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	13	1.65
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	13	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	13	1.65
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	9	1.65
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	9	1.65
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	9	1.65
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	18	1.65
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	18	1.65
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	18	1.65
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	17	1.65
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	17	1.65
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	17	1.65
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	16	1.65
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	16	1.65
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	16	1.65
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	17	1.65
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	17	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	9	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	9	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	9	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	9	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	9	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	9	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	12	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	12	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	12	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	12	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	12	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	12	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	15	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	15	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	15	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	15	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	15	1.65
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	15	1.65
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	1	1.65
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	11	1.65
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	11	1.65
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	11	1.65
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	5	1.65
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	5	1.65
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	9	1.65
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	16	1.65
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	16	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	16	1.65
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	7	1.65
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	7	1.65
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	3	1.65
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	3	1.65
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	5	1.65
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	7	1.65
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	7	1.65
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	7	1.65
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	9	1.65
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	9	1.65
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	9	1.65
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	19	1.65
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	15	1.65
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	15	1.65
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	15	1.65
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	15	1.65
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	15	1.65
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	15	1.65
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	16	1.65
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	16	1.65
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	16	1.65
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	20	1.65
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	20	1.65
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	20	1.65
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	1	1.65
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	1	1.65
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	1	1.65
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	19	1.65
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	19	1.65
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	19	1.65
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	19	1.65
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	19	1.65
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	19	1.65
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	19	1.65
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	19	1.65
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	19	1.65
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	13	1.65
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	13	1.65
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	13	1.65
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	16	1.65
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	16	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	16	1.65
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	4	1.65
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	4	1.65
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	4	1.65
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	18	1.65
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	18	1.65
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	18	1.65
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	12	1.65
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	12	1.65
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	12	1.65
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	12	1.65
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	12	1.65
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	12	1.65
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	4	1.65
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	4	1.65
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	4	1.65
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	5	1.65
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	5	1.65
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	5	1.65
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	5	1.65
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	5	1.65
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	5	1.65
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	10	1.65
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	10	1.65
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	2	1.65
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	12	1.65
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	4	1.65
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	4	1.65
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	4	1.65
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	11	1.65
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	11	1.65
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	11	1.65
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	15	1.65
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	15	1.65
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	15	1.65
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	11	1.65
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	11	1.65
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	11	1.65
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	14	1.65
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	14	1.65
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	14	1.65
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	16	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	16	1.65
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	16	1.65
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	11	1.65
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	9	1.65
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	9	1.65
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	9	1.65
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	13	1.65
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	13	1.65
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	13	1.65
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	4	1.65
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	4	1.65
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	4	1.65
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	7	1.65
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	10	1.65
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	10	1.65
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	10	1.65
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	10	1.65
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	10	1.65
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	10	1.65
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	10	1.65
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	10	1.65
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	10	1.65
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	5	1.65
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	5	1.65
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	5	1.65
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	5	1.65
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	5	1.65
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	5	1.65
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	3	1.65
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	3	1.65
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	3	1.65
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	5	1.65
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	5	1.65
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	5	1.65
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	14	1.65
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	14	1.65
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	14	1.65
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	16	1.65
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	16	1.65
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	16	1.65
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	10	1.65
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	1	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	1	1.65
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	1	1.65
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	2	1.65
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	2	1.65
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	2	1.65
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	3	1.65
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	3	1.65
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	3	1.65
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	18	1.65
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	18	1.65
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	18	1.65
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	10	1.65
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	10	1.65
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	10	1.65
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	12	1.65
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	12	1.65
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	12	1.65
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	2	1.65
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	2	1.65
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	2	1.65
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	2	1.65
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	2	1.65
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	2	1.65
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	2	1.65
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	2	1.65
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	2	1.65
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	15	1.65
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	15	1.65
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	15	1.65
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	7	1.65
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	7	1.65
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	7	1.65
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	17	1.65
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	17	1.65
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	17	1.65
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	5	1.65
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	5	1.65
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	6	1.65
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	6	1.65
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	11	1.65
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	11	1.65
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	11	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	5	1.65
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	5	1.65
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	5	1.65
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	13	1.65
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	13	1.65
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	13	1.65
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	9	1.65
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	9	1.65
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	9	1.65
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	16	1.65
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	16	1.65
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	16	1.65
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	5	1.65
(1,450)	1:870:A:TYR:HA	1:873:A:LEU:HB2	12	1.65
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	11	1.65
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	11	1.65
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	11	1.65
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	18	1.65
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	18	1.65
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	18	1.65
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	14	1.65
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	14	1.65
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	14	1.65
(1,393)	1:862:A:ILE:HG21	1:862:A:ILE:HG13	16	1.65
(1,393)	1:862:A:ILE:HG22	1:862:A:ILE:HG13	16	1.65
(1,393)	1:862:A:ILE:HG23	1:862:A:ILE:HG13	16	1.65
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	16	1.65
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	16	1.65
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	16	1.65
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	15	1.65
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	15	1.65
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	15	1.65
(1,336)	1:854:A:ILE:HG21	1:858:A:LYS:H	4	1.65
(1,336)	1:854:A:ILE:HG22	1:858:A:LYS:H	4	1.65
(1,336)	1:854:A:ILE:HG23	1:858:A:LYS:H	4	1.65
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	16	1.65
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	16	1.65
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	16	1.65
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	20	1.65
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	20	1.65
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	20	1.65
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	3	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	3	1.65
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	3	1.65
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	10	1.65
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	10	1.65
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	10	1.65
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	11	1.65
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	11	1.65
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	11	1.65
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	12	1.65
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	12	1.65
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	12	1.65
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	18	1.65
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	18	1.65
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	18	1.65
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	19	1.65
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	19	1.65
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	19	1.65
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	2	1.65
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	2	1.65
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	2	1.65
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	16	1.65
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	16	1.65
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	16	1.65
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	5	1.65
(1,235)	1:832:A:THR:HG21	1:834:A:PRO:HA	4	1.65
(1,235)	1:832:A:THR:HG22	1:834:A:PRO:HA	4	1.65
(1,235)	1:832:A:THR:HG23	1:834:A:PRO:HA	4	1.65
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	6	1.65
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	6	1.65
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	6	1.65
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	12	1.65
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	12	1.65
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	12	1.65
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	12	1.65
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	12	1.65
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	12	1.65
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	20	1.65
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	20	1.65
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	20	1.65
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	20	1.65
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	20	1.65
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	20	1.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	20	1.65
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	20	1.65
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	20	1.65
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	2	1.65
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	2	1.65
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	2	1.65
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	20	1.65
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	20	1.65
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	20	1.65
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	1	1.65
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	1	1.65
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	1	1.65
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	3	1.65
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	3	1.65
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	3	1.65
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	18	1.65
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	18	1.65
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	18	1.65
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	14	1.65
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	14	1.65
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	14	1.65
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	1	1.65
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	1	1.65
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	1	1.65
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	4	1.65
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	4	1.65
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	4	1.65
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	18	1.65
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	18	1.65
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	18	1.65
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	5	1.65
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	19	1.65
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	20	1.65
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	20	1.65
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	20	1.65
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	20	1.65
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	20	1.65
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	20	1.65
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	5	1.65
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	5	1.65
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	5	1.65
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	11	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	11	1.64
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	9	1.64
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	9	1.64
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	6	1.64
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	6	1.64
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	1	1.64
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	1	1.64
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	10	1.64
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	10	1.64
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	11	1.64
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	11	1.64
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	15	1.64
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	15	1.64
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	2	1.64
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	2	1.64
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	13	1.64
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	13	1.64
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	13	1.64
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	13	1.64
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	10	1.64
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	10	1.64
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	18	1.64
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	18	1.64
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	20	1.64
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	20	1.64
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	2	1.64
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	2	1.64
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	2	1.64
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	2	1.64
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	11	1.64
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	11	1.64
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	14	1.64
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	14	1.64
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	16	1.64
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	16	1.64
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	17	1.64
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	17	1.64
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	17	1.64
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	17	1.64
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	17	1.64
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	17	1.64
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	11	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	11	1.64
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	9	1.64
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	9	1.64
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	5	1.64
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	5	1.64
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	5	1.64
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	5	1.64
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	19	1.64
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	19	1.64
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	4	1.64
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	4	1.64
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	8	1.64
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	8	1.64
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	8	1.64
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	8	1.64
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	17	1.64
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	17	1.64
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	14	1.64
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	14	1.64
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	4	1.64
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	4	1.64
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	2	1.64
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	2	1.64
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	11	1.64
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	11	1.64
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	17	1.64
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	17	1.64
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	9	1.64
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	9	1.64
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	9	1.64
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	9	1.64
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	9	1.64
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	9	1.64
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	11	1.64
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	11	1.64
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	10	1.64
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	10	1.64
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	12	1.64
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	12	1.64
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	15	1.64
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	15	1.64
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	15	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	15	1.64
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	8	1.64
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	8	1.64
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	10	1.64
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	10	1.64
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	11	1.64
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	11	1.64
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	11	1.64
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	19	1.64
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	19	1.64
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	19	1.64
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	12	1.64
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	12	1.64
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	2	1.64
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	3	1.64
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	10	1.64
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	9	1.64
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	10	1.64
(1,2908)	1:857:A:LEU:HD11	1:869:A:VAL:HA	17	1.64
(1,2908)	1:857:A:LEU:HD12	1:869:A:VAL:HA	17	1.64
(1,2908)	1:857:A:LEU:HD13	1:869:A:VAL:HA	17	1.64
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	4	1.64
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	4	1.64
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	4	1.64
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	3	1.64
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	3	1.64
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	3	1.64
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	11	1.64
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	11	1.64
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	11	1.64
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	11	1.64
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	11	1.64
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	11	1.64
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	11	1.64
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	11	1.64
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	11	1.64
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	14	1.64
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	14	1.64
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	14	1.64
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	17	1.64
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	17	1.64
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	17	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	15	1.64
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	15	1.64
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	15	1.64
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	15	1.64
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	15	1.64
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	15	1.64
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	15	1.64
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	15	1.64
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	15	1.64
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	19	1.64
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	19	1.64
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	19	1.64
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	9	1.64
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	9	1.64
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	9	1.64
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	8	1.64
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	8	1.64
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	8	1.64
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	8	1.64
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	8	1.64
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	8	1.64
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	9	1.64
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	15	1.64
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	16	1.64
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	16	1.64
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	10	1.64
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	10	1.64
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	10	1.64
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	6	1.64
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	6	1.64
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	6	1.64
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	17	1.64
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	17	1.64
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	17	1.64
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	17	1.64
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	11	1.64
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	11	1.64
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	11	1.64
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	11	1.64
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	20	1.64
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	12	1.64
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	12	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	12	1.64
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	17	1.64
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	17	1.64
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	17	1.64
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD2	4	1.64
(1,2636)	1:873:A:LEU:HD22	1:901:A:PHE:HD1	4	1.64
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD2	4	1.64
(1,2636)	1:873:A:LEU:HD23	1:901:A:PHE:HD1	4	1.64
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD2	4	1.64
(1,2636)	1:873:A:LEU:HD21	1:901:A:PHE:HD1	4	1.64
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	14	1.64
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	14	1.64
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	14	1.64
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	14	1.64
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	14	1.64
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	14	1.64
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	2	1.64
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	2	1.64
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	2	1.64
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	7	1.64
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	7	1.64
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	7	1.64
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	7	1.64
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	7	1.64
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	7	1.64
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	11	1.64
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	11	1.64
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	11	1.64
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	11	1.64
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	11	1.64
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	11	1.64
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	13	1.64
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	13	1.64
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	13	1.64
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	19	1.64
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	3	1.64
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	3	1.64
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	11	1.64
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	11	1.64
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	12	1.64
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	12	1.64
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	16	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	16	1.64
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	8	1.64
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	8	1.64
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	8	1.64
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	2	1.64
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	2	1.64
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	18	1.64
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	18	1.64
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	2	1.64
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	2	1.64
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	2	1.64
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	2	1.64
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	7	1.64
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	7	1.64
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	11	1.64
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	11	1.64
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	4	1.64
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	7	1.64
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	7	1.64
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	9	1.64
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	16	1.64
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	16	1.64
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	5	1.64
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	5	1.64
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	7	1.64
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	7	1.64
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	20	1.64
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	20	1.64
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	20	1.64
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	13	1.64
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	13	1.64
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	13	1.64
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	13	1.64
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	13	1.64
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	13	1.64
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	20	1.64
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	20	1.64
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	20	1.64
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	20	1.64
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	20	1.64
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	20	1.64
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	5	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	5	1.64
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	5	1.64
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	5	1.64
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	5	1.64
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	5	1.64
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	8	1.64
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	8	1.64
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	8	1.64
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	8	1.64
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	8	1.64
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	8	1.64
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	6	1.64
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	6	1.64
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	6	1.64
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	6	1.64
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	6	1.64
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	6	1.64
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	16	1.64
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	16	1.64
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	16	1.64
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	16	1.64
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	7	1.64
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	7	1.64
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	7	1.64
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	7	1.64
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	7	1.64
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	7	1.64
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	14	1.64
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	14	1.64
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	14	1.64
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	14	1.64
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	14	1.64
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	14	1.64
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	8	1.64
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	8	1.64
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	4	1.64
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	4	1.64
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD11	13	1.64
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD12	13	1.64
(1,2292)	1:901:A:PHE:HE2	1:920:A:LEU:HD13	13	1.64
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD11	13	1.64
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD12	13	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2292)	1:901:A:PHE:HE1	1:920:A:LEU:HD13	13	1.64
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	17	1.64
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	17	1.64
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	17	1.64
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	17	1.64
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	17	1.64
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	17	1.64
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	2	1.64
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	2	1.64
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	15	1.64
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	15	1.64
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	11	1.64
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	20	1.64
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	20	1.64
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	20	1.64
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	4	1.64
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	4	1.64
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	4	1.64
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	4	1.64
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	4	1.64
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	4	1.64
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	7	1.64
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	7	1.64
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	7	1.64
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	7	1.64
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	7	1.64
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	7	1.64
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	2	1.64
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	6	1.64
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	6	1.64
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	6	1.64
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	6	1.64
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	15	1.64
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	3	1.64
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	3	1.64
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	6	1.64
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	6	1.64
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	7	1.64
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	7	1.64
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	8	1.64
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	8	1.64
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	8	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	8	1.64
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	8	1.64
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	7	1.64
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	7	1.64
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	7	1.64
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	10	1.64
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	10	1.64
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	11	1.64
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	13	1.64
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	8	1.64
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	8	1.64
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	8	1.64
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	19	1.64
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	19	1.64
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	14	1.64
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	13	1.64
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	13	1.64
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	13	1.64
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	5	1.64
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	5	1.64
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	5	1.64
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	1	1.64
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	1	1.64
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	8	1.64
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	8	1.64
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	14	1.64
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	14	1.64
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	18	1.64
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	18	1.64
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	11	1.64
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	11	1.64
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	14	1.64
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	14	1.64
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	7	1.64
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	7	1.64
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	7	1.64
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	20	1.64
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	20	1.64
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	20	1.64
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	1	1.64
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	1	1.64
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	9	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	9	1.64
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	12	1.64
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	12	1.64
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	12	1.64
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	2	1.64
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	2	1.64
(1,1534)	1:862:A:ILE:HD11	1:865:A:ASP:H	4	1.64
(1,1534)	1:862:A:ILE:HD12	1:865:A:ASP:H	4	1.64
(1,1534)	1:862:A:ILE:HD13	1:865:A:ASP:H	4	1.64
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	20	1.64
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	20	1.64
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	7	1.64
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	1	1.64
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	13	1.64
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	13	1.64
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	16	1.64
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	16	1.64
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	16	1.64
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	11	1.64
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	11	1.64
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	11	1.64
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	17	1.64
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	17	1.64
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	17	1.64
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	19	1.64
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	19	1.64
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	19	1.64
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	6	1.64
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	6	1.64
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	6	1.64
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	19	1.64
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	19	1.64
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	20	1.64
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	20	1.64
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	17	1.64
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	17	1.64
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	17	1.64
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	2	1.64
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	2	1.64
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	3	1.64
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	3	1.64
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	5	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	5	1.64
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	9	1.64
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	9	1.64
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	17	1.64
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	14	1.64
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	14	1.64
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	14	1.64
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	15	1.64
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	15	1.64
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	15	1.64
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	19	1.64
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	19	1.64
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	19	1.64
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	6	1.64
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	6	1.64
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	6	1.64
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	2	1.64
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	2	1.64
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	9	1.64
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	9	1.64
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	9	1.64
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	11	1.64
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	11	1.64
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	11	1.64
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	2	1.64
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	8	1.64
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	8	1.64
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	20	1.64
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	4	1.64
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	4	1.64
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	13	1.64
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	13	1.64
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	19	1.64
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	17	1.64
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	17	1.64
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	17	1.64
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	5	1.64
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	5	1.64
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	5	1.64
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	5	1.64
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	5	1.64
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	5	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	13	1.64
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	13	1.64
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	13	1.64
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	13	1.64
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	13	1.64
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	13	1.64
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	13	1.64
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	13	1.64
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	13	1.64
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	17	1.64
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	17	1.64
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	17	1.64
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	17	1.64
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	17	1.64
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	17	1.64
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	17	1.64
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	17	1.64
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	17	1.64
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB1	18	1.64
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB2	18	1.64
(1,842)	1:845:A:LEU:HD11	1:879:A:ALA:HB3	18	1.64
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB1	18	1.64
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB2	18	1.64
(1,842)	1:845:A:LEU:HD12	1:879:A:ALA:HB3	18	1.64
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB1	18	1.64
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB2	18	1.64
(1,842)	1:845:A:LEU:HD13	1:879:A:ALA:HB3	18	1.64
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	3	1.64
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	3	1.64
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	3	1.64
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	10	1.64
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	10	1.64
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	10	1.64
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	19	1.64
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	19	1.64
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	19	1.64
(1,807)	1:886:A:LEU:HD21	1:924:A:TYR:HB2	13	1.64
(1,807)	1:886:A:LEU:HD22	1:924:A:TYR:HB2	13	1.64
(1,807)	1:886:A:LEU:HD23	1:924:A:TYR:HB2	13	1.64
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	18	1.64
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	18	1.64
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	18	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	19	1.64
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	19	1.64
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	19	1.64
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	7	1.64
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	7	1.64
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	7	1.64
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	18	1.64
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	18	1.64
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	18	1.64
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	17	1.64
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	17	1.64
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD11	2	1.64
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD12	2	1.64
(1,731)	1:914:A:LEU:HA	1:914:A:LEU:HD13	2	1.64
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	2	1.64
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	2	1.64
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	2	1.64
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	2	1.64
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	2	1.64
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	2	1.64
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG21	20	1.64
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG22	20	1.64
(1,714)	1:907:A:THR:HA	1:907:A:THR:HG23	20	1.64
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	16	1.64
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	16	1.64
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	16	1.64
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	16	1.64
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	16	1.64
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	16	1.64
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	16	1.64
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	16	1.64
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	16	1.64
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	15	1.64
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	15	1.64
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	15	1.64
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	7	1.64
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	17	1.64
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	17	1.64
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	17	1.64
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	17	1.64
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	17	1.64
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	17	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	7	1.64
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	7	1.64
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	7	1.64
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	9	1.64
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	9	1.64
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	9	1.64
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	11	1.64
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	11	1.64
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	11	1.64
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	13	1.64
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	13	1.64
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	13	1.64
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	3	1.64
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD11	13	1.64
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD12	13	1.64
(1,637)	1:896:A:LEU:HB3	1:896:A:LEU:HD13	13	1.64
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	13	1.64
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	13	1.64
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	13	1.64
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	13	1.64
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	13	1.64
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	19	1.64
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	19	1.64
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	19	1.64
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	4	1.64
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	4	1.64
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	4	1.64
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	18	1.64
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	18	1.64
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	18	1.64
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	2	1.64
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	2	1.64
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	2	1.64
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	18	1.64
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	18	1.64
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	18	1.64
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	1	1.64
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	1	1.64
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	1	1.64
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	1	1.64
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	1	1.64
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	1	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	19	1.64
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	19	1.64
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	19	1.64
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	19	1.64
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	19	1.64
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	19	1.64
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	8	1.64
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	8	1.64
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	8	1.64
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	10	1.64
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	10	1.64
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	10	1.64
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	15	1.64
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	15	1.64
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	15	1.64
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	19	1.64
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	3	1.64
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	3	1.64
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	14	1.64
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	14	1.64
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	14	1.64
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	18	1.64
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	18	1.64
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	18	1.64
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	12	1.64
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	12	1.64
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	12	1.64
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	14	1.64
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	14	1.64
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	14	1.64
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD22	16	1.64
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD23	16	1.64
(1,480)	1:869:A:VAL:HG11	1:873:A:LEU:HD21	16	1.64
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD22	16	1.64
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD23	16	1.64
(1,480)	1:869:A:VAL:HG12	1:873:A:LEU:HD21	16	1.64
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD22	16	1.64
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD23	16	1.64
(1,480)	1:869:A:VAL:HG13	1:873:A:LEU:HD21	16	1.64
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	6	1.64
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	6	1.64
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	6	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	12	1.64
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	12	1.64
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	12	1.64
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	14	1.64
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	14	1.64
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	14	1.64
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	14	1.64
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	14	1.64
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	14	1.64
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	12	1.64
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	12	1.64
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	12	1.64
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	12	1.64
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	12	1.64
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	12	1.64
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	12	1.64
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	12	1.64
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	12	1.64
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	18	1.64
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	18	1.64
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	18	1.64
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	18	1.64
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	18	1.64
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	18	1.64
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	18	1.64
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	18	1.64
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	18	1.64
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	3	1.64
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	3	1.64
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	3	1.64
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	10	1.64
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	10	1.64
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	10	1.64
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	3	1.64
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	3	1.64
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	3	1.64
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	7	1.64
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	7	1.64
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	7	1.64
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	9	1.64
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	9	1.64
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	9	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	5	1.64
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	5	1.64
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	5	1.64
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	3	1.64
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	3	1.64
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	3	1.64
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	11	1.64
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	11	1.64
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	11	1.64
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	14	1.64
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	14	1.64
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	14	1.64
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	18	1.64
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	18	1.64
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	18	1.64
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	16	1.64
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	16	1.64
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	16	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	2	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	2	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	2	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	10	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	10	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	10	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	11	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	11	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	11	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	19	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	19	1.64
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	19	1.64
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	7	1.64
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	7	1.64
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	7	1.64
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	6	1.64
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	6	1.64
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	6	1.64
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	6	1.64
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	6	1.64
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	6	1.64
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	6	1.64
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	6	1.64
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	6	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	6	1.64
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	6	1.64
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	6	1.64
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	9	1.64
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	9	1.64
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	9	1.64
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	17	1.64
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	17	1.64
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	17	1.64
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	12	1.64
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	12	1.64
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	12	1.64
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	16	1.64
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	3	1.64
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	3	1.64
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	3	1.64
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	12	1.64
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	12	1.64
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	12	1.64
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	10	1.64
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	10	1.64
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	10	1.64
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	4	1.64
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	4	1.64
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	4	1.64
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	11	1.64
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	11	1.64
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD12	12	1.64
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD13	12	1.64
(1,76)	1:813:A:ILE:HA	1:816:A:LEU:HD11	12	1.64
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	14	1.64
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	14	1.64
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	14	1.64
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	15	1.64
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	3	1.64
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	3	1.64
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	3	1.64
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	3	1.64
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	3	1.64
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	3	1.64
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	8	1.64
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	8	1.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	8	1.64
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	13	1.64
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	13	1.64
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	13	1.64
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	1	1.64
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	1	1.64
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	1	1.64
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	1	1.64
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	15	1.64
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	15	1.64
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	15	1.64
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	16	1.63
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	16	1.63
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	11	1.63
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	11	1.63
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	15	1.63
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	15	1.63
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	7	1.63
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	7	1.63
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	7	1.63
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	7	1.63
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	11	1.63
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	11	1.63
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	17	1.63
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	17	1.63
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	3	1.63
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	3	1.63
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	20	1.63
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	20	1.63
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	6	1.63
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	6	1.63
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	14	1.63
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	14	1.63
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	14	1.63
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	14	1.63
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	9	1.63
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	9	1.63
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	11	1.63
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	11	1.63
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	10	1.63
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	10	1.63
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	10	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	10	1.63
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	3	1.63
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	3	1.63
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	10	1.63
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	10	1.63
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	13	1.63
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	13	1.63
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	13	1.63
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	13	1.63
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	13	1.63
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	13	1.63
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	1	1.63
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	1	1.63
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	12	1.63
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	12	1.63
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	4	1.63
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	4	1.63
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	7	1.63
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	7	1.63
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	7	1.63
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	7	1.63
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	7	1.63
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	7	1.63
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	8	1.63
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	8	1.63
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	8	1.63
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	8	1.63
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	8	1.63
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	8	1.63
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	7	1.63
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	7	1.63
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	3	1.63
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	3	1.63
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	3	1.63
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	3	1.63
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	3	1.63
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	3	1.63
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	18	1.63
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	18	1.63
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	3	1.63
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	3	1.63
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	19	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	19	1.63
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	5	1.63
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	5	1.63
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	20	1.63
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	20	1.63
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	20	1.63
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	20	1.63
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	20	1.63
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	20	1.63
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	20	1.63
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	20	1.63
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	16	1.63
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	16	1.63
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	20	1.63
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	18	1.63
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	18	1.63
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	18	1.63
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	20	1.63
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	20	1.63
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	4	1.63
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	10	1.63
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	11	1.63
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	16	1.63
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	9	1.63
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	9	1.63
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	9	1.63
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	19	1.63
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	19	1.63
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	19	1.63
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	14	1.63
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	14	1.63
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	14	1.63
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	8	1.63
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	8	1.63
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	8	1.63
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	10	1.63
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	10	1.63
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	10	1.63
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	17	1.63
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	17	1.63
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	17	1.63
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	9	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	9	1.63
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	9	1.63
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	16	1.63
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	16	1.63
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	16	1.63
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	8	1.63
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	8	1.63
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	8	1.63
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	9	1.63
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	9	1.63
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	9	1.63
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	12	1.63
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	12	1.63
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	12	1.63
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	1	1.63
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	1	1.63
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	1	1.63
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	1	1.63
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	1	1.63
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	1	1.63
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	1	1.63
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	1	1.63
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	1	1.63
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE3	20	1.63
(1,2797)	1:820:A:LYS:HG2	1:820:A:LYS:HE2	20	1.63
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE3	20	1.63
(1,2797)	1:820:A:LYS:HG3	1:820:A:LYS:HE2	20	1.63
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	11	1.63
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	11	1.63
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	11	1.63
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	16	1.63
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	16	1.63
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	16	1.63
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	2	1.63
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	2	1.63
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	2	1.63
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	18	1.63
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	18	1.63
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	18	1.63
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	10	1.63
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	10	1.63
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	10	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	5	1.63
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	5	1.63
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	5	1.63
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	11	1.63
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	11	1.63
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	11	1.63
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	13	1.63
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	13	1.63
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	13	1.63
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	12	1.63
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	12	1.63
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	12	1.63
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	4	1.63
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	14	1.63
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	18	1.63
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	18	1.63
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	17	1.63
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	17	1.63
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	15	1.63
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	20	1.63
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	3	1.63
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	3	1.63
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	3	1.63
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	10	1.63
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	10	1.63
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	10	1.63
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	11	1.63
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	11	1.63
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	11	1.63
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	5	1.63
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	5	1.63
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	5	1.63
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	5	1.63
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	5	1.63
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	5	1.63
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	9	1.63
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	9	1.63
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	9	1.63
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	9	1.63
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	9	1.63
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	9	1.63
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	15	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	15	1.63
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	15	1.63
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	15	1.63
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	15	1.63
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	15	1.63
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	16	1.63
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	16	1.63
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	16	1.63
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	16	1.63
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	16	1.63
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	16	1.63
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	17	1.63
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	17	1.63
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	17	1.63
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	17	1.63
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	17	1.63
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	17	1.63
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	18	1.63
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	18	1.63
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	18	1.63
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	17	1.63
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	17	1.63
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	17	1.63
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	2	1.63
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	2	1.63
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	2	1.63
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	3	1.63
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	3	1.63
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	3	1.63
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	2	1.63
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	2	1.63
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	2	1.63
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	2	1.63
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	2	1.63
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	2	1.63
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	11	1.63
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	11	1.63
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	11	1.63
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	16	1.63
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	6	1.63
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	6	1.63
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	9	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	9	1.63
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	16	1.63
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	13	1.63
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	13	1.63
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	13	1.63
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	13	1.63
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	7	1.63
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	7	1.63
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	1	1.63
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	1	1.63
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	1	1.63
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	14	1.63
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	14	1.63
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	15	1.63
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	15	1.63
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	15	1.63
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	15	1.63
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	18	1.63
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	18	1.63
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	18	1.63
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	18	1.63
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	18	1.63
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	15	1.63
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	15	1.63
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	18	1.63
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	20	1.63
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	12	1.63
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	12	1.63
(1,2463)	1:827:A:HIS:HB2	1:827:A:HIS:HD2	14	1.63
(1,2463)	1:827:A:HIS:HB3	1:827:A:HIS:HD2	14	1.63
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	13	1.63
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	12	1.63
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	12	1.63
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	10	1.63
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	10	1.63
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	10	1.63
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	10	1.63
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	10	1.63
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	10	1.63
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	5	1.63
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	5	1.63
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	5	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	5	1.63
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	5	1.63
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	5	1.63
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	7	1.63
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	7	1.63
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	7	1.63
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	7	1.63
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	7	1.63
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	7	1.63
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	19	1.63
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	19	1.63
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	10	1.63
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	10	1.63
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	10	1.63
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	10	1.63
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	10	1.63
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	10	1.63
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	10	1.63
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	10	1.63
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	10	1.63
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	10	1.63
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	10	1.63
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	10	1.63
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	11	1.63
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	11	1.63
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	16	1.63
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	16	1.63
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	20	1.63
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	1	1.63
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	1	1.63
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	1	1.63
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	1	1.63
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	1	1.63
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	1	1.63
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	10	1.63
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	10	1.63
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	10	1.63
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	10	1.63
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	10	1.63
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	10	1.63
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	6	1.63
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	6	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	20	1.63
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	20	1.63
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	13	1.63
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	5	1.63
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	12	1.63
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	12	1.63
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	12	1.63
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	20	1.63
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	20	1.63
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	20	1.63
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	4	1.63
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	4	1.63
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	4	1.63
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	18	1.63
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	10	1.63
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	10	1.63
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	6	1.63
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	13	1.63
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	13	1.63
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	13	1.63
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	19	1.63
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	19	1.63
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	19	1.63
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	14	1.63
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	14	1.63
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	14	1.63
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	12	1.63
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	12	1.63
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	17	1.63
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	17	1.63
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	18	1.63
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	18	1.63
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	12	1.63
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	12	1.63
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	11	1.63
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	11	1.63
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	13	1.63
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	13	1.63
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	18	1.63
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	18	1.63
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	4	1.63
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	4	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	20	1.63
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	20	1.63
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	12	1.63
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	12	1.63
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	9	1.63
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	9	1.63
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	16	1.63
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	16	1.63
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	8	1.63
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	8	1.63
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	8	1.63
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	11	1.63
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	11	1.63
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	11	1.63
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	5	1.63
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	5	1.63
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	10	1.63
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	10	1.63
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	1	1.63
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	13	1.63
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	13	1.63
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	20	1.63
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	20	1.63
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	1	1.63
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	1	1.63
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	11	1.63
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	11	1.63
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	11	1.63
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	1	1.63
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	1	1.63
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	11	1.63
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	11	1.63
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	11	1.63
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	11	1.63
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	11	1.63
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	11	1.63
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	16	1.63
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	16	1.63
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	16	1.63
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	14	1.63
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	14	1.63
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	14	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	17	1.63
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	2	1.63
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	2	1.63
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	9	1.63
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	17	1.63
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	6	1.63
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	6	1.63
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	18	1.63
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	18	1.63
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	9	1.63
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	9	1.63
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	9	1.63
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	18	1.63
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	18	1.63
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	18	1.63
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	7	1.63
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	7	1.63
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	7	1.63
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	7	1.63
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	7	1.63
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	7	1.63
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	18	1.63
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	18	1.63
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	18	1.63
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	18	1.63
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	18	1.63
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	18	1.63
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	14	1.63
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	14	1.63
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	14	1.63
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	14	1.63
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	14	1.63
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	14	1.63
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD21	6	1.63
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD22	6	1.63
(1,851)	1:904:A:LEU:HA	1:904:A:LEU:HD23	6	1.63
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	19	1.63
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	19	1.63
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	19	1.63
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	1	1.63
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	1	1.63
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	1	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	3	1.63
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	3	1.63
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	3	1.63
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	16	1.63
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	16	1.63
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	16	1.63
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	14	1.63
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	5	1.63
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	9	1.63
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	9	1.63
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	9	1.63
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	14	1.63
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	14	1.63
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	14	1.63
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	5	1.63
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	5	1.63
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	5	1.63
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD11	4	1.63
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD12	4	1.63
(1,694)	1:901:A:PHE:HA	1:904:A:LEU:HD13	4	1.63
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	3	1.63
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	8	1.63
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	9	1.63
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	9	1.63
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	9	1.63
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	4	1.63
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	4	1.63
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	4	1.63
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	6	1.63
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	6	1.63
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	6	1.63
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	20	1.63
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	20	1.63
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	20	1.63
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	12	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	4	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	4	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	4	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	8	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	8	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	8	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	14	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	14	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	14	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	20	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	20	1.63
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	20	1.63
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	11	1.63
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	11	1.63
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	9	1.63
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	9	1.63
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD12	7	1.63
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD13	7	1.63
(1,599)	1:889:A:ILE:HB	1:889:A:ILE:HD11	7	1.63
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	4	1.63
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	4	1.63
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	4	1.63
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	11	1.63
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	11	1.63
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	11	1.63
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	20	1.63
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	20	1.63
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	20	1.63
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	20	1.63
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	20	1.63
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	20	1.63
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	9	1.63
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	9	1.63
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	9	1.63
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	9	1.63
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	9	1.63
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	9	1.63
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	9	1.63
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	9	1.63
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	9	1.63
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	4	1.63
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	4	1.63
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	4	1.63
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	10	1.63
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	10	1.63
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	10	1.63
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	18	1.63
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	18	1.63
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	2	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	2	1.63
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	2	1.63
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	13	1.63
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	13	1.63
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	13	1.63
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	7	1.63
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	7	1.63
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	13	1.63
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	13	1.63
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	8	1.63
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	8	1.63
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	8	1.63
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	8	1.63
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	8	1.63
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	8	1.63
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	13	1.63
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	13	1.63
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	20	1.63
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	20	1.63
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	20	1.63
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	17	1.63
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	17	1.63
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	18	1.63
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	18	1.63
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	1	1.63
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	1	1.63
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	1	1.63
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	18	1.63
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	13	1.63
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	5	1.63
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	5	1.63
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	5	1.63
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	13	1.63
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	13	1.63
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	4	1.63
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	4	1.63
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	4	1.63
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	6	1.63
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	6	1.63
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	6	1.63
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	6	1.63
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	6	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	6	1.63
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	6	1.63
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	6	1.63
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	6	1.63
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	17	1.63
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	17	1.63
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	17	1.63
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	8	1.63
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	8	1.63
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	8	1.63
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	13	1.63
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	13	1.63
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	13	1.63
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	13	1.63
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	13	1.63
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	15	1.63
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	15	1.63
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	15	1.63
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	14	1.63
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	11	1.63
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	11	1.63
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	11	1.63
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	11	1.63
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	11	1.63
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	11	1.63
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	11	1.63
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	11	1.63
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	11	1.63
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	12	1.63
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	12	1.63
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	12	1.63
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	14	1.63
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	14	1.63
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	14	1.63
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	2	1.63
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	2	1.63
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	2	1.63
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	15	1.63
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	15	1.63
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	15	1.63
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	20	1.63
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	20	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	20	1.63
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	19	1.63
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	18	1.63
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	18	1.63
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	18	1.63
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	4	1.63
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	4	1.63
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	4	1.63
(1,159)	1:826:A:ALA:HA	1:861:A:LEU:HG	16	1.63
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	16	1.63
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	16	1.63
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	16	1.63
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	13	1.63
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	13	1.63
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	13	1.63
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	10	1.63
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	10	1.63
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	10	1.63
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	10	1.63
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	10	1.63
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	10	1.63
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	11	1.63
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	11	1.63
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	11	1.63
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	11	1.63
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	11	1.63
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	11	1.63
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	20	1.63
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	20	1.63
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	20	1.63
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	20	1.63
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	20	1.63
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	20	1.63
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD1	13	1.63
(1,41)	1:806:A:ALA:HB1	1:840:A:PHE:HD2	13	1.63
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD1	13	1.63
(1,41)	1:806:A:ALA:HB2	1:840:A:PHE:HD2	13	1.63
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD1	13	1.63
(1,41)	1:806:A:ALA:HB3	1:840:A:PHE:HD2	13	1.63
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	18	1.63
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	18	1.63
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	18	1.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	14	1.63
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	14	1.63
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	14	1.63
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	5	1.62
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	5	1.62
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD21	1	1.62
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD22	1	1.62
(1,3350)	1:905:A:SER:HB2	1:914:A:LEU:HD23	1	1.62
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD21	1	1.62
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD22	1	1.62
(1,3350)	1:905:A:SER:HB3	1:914:A:LEU:HD23	1	1.62
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	20	1.62
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	20	1.62
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	20	1.62
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	20	1.62
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	16	1.62
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	16	1.62
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	16	1.62
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	16	1.62
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	3	1.62
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	3	1.62
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	5	1.62
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	5	1.62
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	5	1.62
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	5	1.62
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	15	1.62
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	15	1.62
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	15	1.62
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	15	1.62
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	5	1.62
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	5	1.62
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	15	1.62
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	15	1.62
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	2	1.62
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	2	1.62
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	2	1.62
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	2	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	2	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	2	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	3	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	3	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	5	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	5	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	6	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	6	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	7	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	7	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	8	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	8	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	10	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	10	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	13	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	13	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	14	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	14	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	15	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	15	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	16	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	16	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	17	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	17	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	18	1.62
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	18	1.62
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	6	1.62
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	6	1.62
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	6	1.62
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	6	1.62
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	12	1.62
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	12	1.62
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	12	1.62
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	12	1.62
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	12	1.62
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	12	1.62
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	2	1.62
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	2	1.62
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	2	1.62
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	2	1.62
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	2	1.62
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	2	1.62
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	4	1.62
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	4	1.62
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	4	1.62
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	4	1.62
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	4	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	4	1.62
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	10	1.62
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	10	1.62
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	10	1.62
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	10	1.62
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	10	1.62
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	10	1.62
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	12	1.62
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	12	1.62
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	12	1.62
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	12	1.62
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	5	1.62
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	5	1.62
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB2	20	1.62
(1,3147)	1:841:A:LEU:HB3	1:845:A:LEU:HB3	20	1.62
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	8	1.62
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	8	1.62
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	8	1.62
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	8	1.62
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	8	1.62
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	8	1.62
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	12	1.62
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	12	1.62
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	12	1.62
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	12	1.62
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	12	1.62
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	12	1.62
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	15	1.62
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	15	1.62
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	15	1.62
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	15	1.62
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	15	1.62
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	15	1.62
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	5	1.62
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	5	1.62
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	5	1.62
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	5	1.62
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	5	1.62
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	5	1.62
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	13	1.62
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	13	1.62
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	13	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	13	1.62
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	16	1.62
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	16	1.62
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	10	1.62
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	10	1.62
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	12	1.62
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	12	1.62
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	10	1.62
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	10	1.62
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	8	1.62
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	8	1.62
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	8	1.62
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	13	1.62
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	11	1.62
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	4	1.62
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	9	1.62
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	13	1.62
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	13	1.62
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	13	1.62
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	2	1.62
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	2	1.62
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	2	1.62
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	17	1.62
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	17	1.62
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	17	1.62
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	11	1.62
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	11	1.62
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	11	1.62
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	10	1.62
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	10	1.62
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	10	1.62
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	10	1.62
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	10	1.62
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	10	1.62
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	10	1.62
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	10	1.62
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	10	1.62
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	6	1.62
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	6	1.62
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	6	1.62
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	11	1.62
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	11	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	11	1.62
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	2	1.62
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	2	1.62
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	2	1.62
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	2	1.62
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	2	1.62
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	2	1.62
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	2	1.62
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	2	1.62
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	2	1.62
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	13	1.62
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	13	1.62
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	13	1.62
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	13	1.62
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	13	1.62
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	13	1.62
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	13	1.62
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	13	1.62
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	13	1.62
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	20	1.62
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	20	1.62
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	20	1.62
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	20	1.62
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	20	1.62
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	20	1.62
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	20	1.62
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	20	1.62
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	20	1.62
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	18	1.62
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	18	1.62
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	8	1.62
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	8	1.62
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	8	1.62
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	15	1.62
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	15	1.62
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	15	1.62
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	17	1.62
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	17	1.62
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	17	1.62
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	5	1.62
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	5	1.62
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	5	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	9	1.62
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	9	1.62
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	9	1.62
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	10	1.62
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	10	1.62
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	10	1.62
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	1	1.62
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	9	1.62
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	17	1.62
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	17	1.62
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	9	1.62
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	7	1.62
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	11	1.62
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	12	1.62
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	17	1.62
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	4	1.62
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	18	1.62
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	18	1.62
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	18	1.62
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	8	1.62
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	8	1.62
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	8	1.62
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	8	1.62
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	17	1.62
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	17	1.62
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	17	1.62
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	17	1.62
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	14	1.62
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	14	1.62
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	4	1.62
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	4	1.62
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	4	1.62
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	13	1.62
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	13	1.62
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	13	1.62
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	13	1.62
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	13	1.62
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	13	1.62
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	9	1.62
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	9	1.62
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	9	1.62
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	9	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	9	1.62
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	9	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	2	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	2	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	2	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	2	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	2	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	2	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	3	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	3	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	3	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	3	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	3	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	3	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	7	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	7	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	7	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	7	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	7	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	7	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	8	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	8	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	8	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	8	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	8	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	8	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	10	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	10	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	10	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	10	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	10	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	10	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	11	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	11	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	11	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	11	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	11	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	11	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	12	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	12	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	12	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	12	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	12	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	12	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	18	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	18	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	18	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	18	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	18	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	18	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	19	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	19	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	19	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	19	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	19	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	19	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE1	20	1.62
(1,2631)	1:886:A:LEU:HD12	1:924:A:TYR:HE2	20	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE1	20	1.62
(1,2631)	1:886:A:LEU:HD13	1:924:A:TYR:HE2	20	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE1	20	1.62
(1,2631)	1:886:A:LEU:HD11	1:924:A:TYR:HE2	20	1.62
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	3	1.62
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	3	1.62
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	3	1.62
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	7	1.62
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	7	1.62
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	7	1.62
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	2	1.62
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	2	1.62
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	2	1.62
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	2	1.62
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	2	1.62
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	2	1.62
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	4	1.62
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	4	1.62
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	4	1.62
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	4	1.62
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	4	1.62
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	4	1.62
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	19	1.62
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	19	1.62
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	19	1.62
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	4	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	4	1.62
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	4	1.62
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	12	1.62
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	7	1.62
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	7	1.62
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	7	1.62
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	13	1.62
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	13	1.62
(1,2568)	1:837:A:LEU:H	1:837:A:LEU:HG	13	1.62
(1,2568)	1:837:A:LEU:H	1:837:A:LEU:HG	20	1.62
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	2	1.62
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	2	1.62
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	2	1.62
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	19	1.62
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	19	1.62
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	19	1.62
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	19	1.62
(1,2506)	1:870:A:TYR:HE2	1:920:A:LEU:HB3	5	1.62
(1,2506)	1:870:A:TYR:HE1	1:920:A:LEU:HB3	5	1.62
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	5	1.62
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	5	1.62
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	2	1.62
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	11	1.62
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	11	1.62
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	10	1.62
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	10	1.62
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	10	1.62
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	10	1.62
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	10	1.62
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	10	1.62
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	11	1.62
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	11	1.62
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	11	1.62
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	11	1.62
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	11	1.62
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	11	1.62
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	14	1.62
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	14	1.62
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	14	1.62
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	14	1.62
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	4	1.62
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	4	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	4	1.62
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	4	1.62
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	4	1.62
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	4	1.62
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	6	1.62
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	6	1.62
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	6	1.62
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	6	1.62
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	6	1.62
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	6	1.62
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	14	1.62
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	14	1.62
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	14	1.62
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	14	1.62
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	14	1.62
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	14	1.62
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	18	1.62
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	18	1.62
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	18	1.62
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	18	1.62
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	17	1.62
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	17	1.62
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	20	1.62
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	20	1.62
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE2	11	1.62
(1,2299)	1:897:A:ILE:HG21	1:901:A:PHE:HE1	11	1.62
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE2	11	1.62
(1,2299)	1:897:A:ILE:HG22	1:901:A:PHE:HE1	11	1.62
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE2	11	1.62
(1,2299)	1:897:A:ILE:HG23	1:901:A:PHE:HE1	11	1.62
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	18	1.62
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	18	1.62
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	18	1.62
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	18	1.62
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	18	1.62
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	18	1.62
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	16	1.62
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	16	1.62
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	19	1.62
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	19	1.62
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	10	1.62
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	10	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	17	1.62
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	6	1.62
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	6	1.62
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	6	1.62
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	12	1.62
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	12	1.62
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	12	1.62
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	12	1.62
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	12	1.62
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	12	1.62
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	12	1.62
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	12	1.62
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	12	1.62
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	18	1.62
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	18	1.62
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	9	1.62
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	9	1.62
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	9	1.62
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	1	1.62
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	1	1.62
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	1	1.62
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	7	1.62
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	7	1.62
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	7	1.62
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	8	1.62
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	8	1.62
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	8	1.62
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	14	1.62
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	11	1.62
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	11	1.62
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	5	1.62
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	8	1.62
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	10	1.62
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	20	1.62
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	20	1.62
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	4	1.62
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	4	1.62
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	4	1.62
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	7	1.62
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	7	1.62
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	5	1.62
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	5	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	9	1.62
(1,1827)	1:889:A:ILE:H	1:889:A:ILE:HB	11	1.62
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	12	1.62
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	9	1.62
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	9	1.62
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	9	1.62
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	13	1.62
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	9	1.62
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	9	1.62
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	19	1.62
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	19	1.62
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	7	1.62
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	7	1.62
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	13	1.62
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	13	1.62
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	4	1.62
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	4	1.62
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	7	1.62
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	7	1.62
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	6	1.62
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	6	1.62
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	6	1.62
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	7	1.62
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	7	1.62
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	7	1.62
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	9	1.62
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	14	1.62
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	14	1.62
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	14	1.62
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	8	1.62
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	8	1.62
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	20	1.62
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	4	1.62
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	4	1.62
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	4	1.62
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	14	1.62
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	18	1.62
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	18	1.62
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	12	1.62
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	12	1.62
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	15	1.62
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	15	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	19	1.62
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	19	1.62
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	4	1.62
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	19	1.62
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	19	1.62
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	19	1.62
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	1	1.62
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD13	14	1.62
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD11	14	1.62
(1,1213)	1:830:A:ALA:H	1:831:A:ILE:HD12	14	1.62
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	2	1.62
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	2	1.62
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	2	1.62
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	5	1.62
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	5	1.62
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	5	1.62
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	16	1.62
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	16	1.62
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	13	1.62
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	5	1.62
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	5	1.62
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	4	1.62
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	4	1.62
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	4	1.62
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	13	1.62
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	13	1.62
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	13	1.62
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	13	1.62
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	13	1.62
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	13	1.62
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	10	1.62
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	10	1.62
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	14	1.62
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	14	1.62
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	10	1.62
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	10	1.62
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	10	1.62
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	14	1.62
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	14	1.62
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	14	1.62
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	18	1.62
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	18	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	18	1.62
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	6	1.62
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	6	1.62
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	20	1.62
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	20	1.62
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	20	1.62
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	20	1.62
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	20	1.62
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	20	1.62
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	4	1.62
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	4	1.62
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	4	1.62
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	9	1.62
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	9	1.62
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	9	1.62
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	6	1.62
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	6	1.62
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	6	1.62
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	14	1.62
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	14	1.62
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	14	1.62
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	9	1.62
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	9	1.62
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	9	1.62
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	5	1.62
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	5	1.62
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	5	1.62
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	13	1.62
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	13	1.62
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	13	1.62
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	7	1.62
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	7	1.62
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	7	1.62
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	15	1.62
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	15	1.62
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	15	1.62
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD21	5	1.62
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD22	5	1.62
(1,777)	1:920:A:LEU:HA	1:920:A:LEU:HD23	5	1.62
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	8	1.62
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	8	1.62
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	8	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	8	1.62
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	8	1.62
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	8	1.62
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	7	1.62
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	7	1.62
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	12	1.62
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	12	1.62
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	12	1.62
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	12	1.62
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	12	1.62
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	12	1.62
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	19	1.62
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	19	1.62
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	19	1.62
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	10	1.62
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	10	1.62
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	16	1.62
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	16	1.62
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	14	1.62
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	14	1.62
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	14	1.62
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	5	1.62
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	5	1.62
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	5	1.62
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	17	1.62
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	17	1.62
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	17	1.62
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	6	1.62
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	6	1.62
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	6	1.62
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	6	1.62
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	6	1.62
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	6	1.62
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	6	1.62
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	6	1.62
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	6	1.62
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	13	1.62
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	13	1.62
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	13	1.62
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	13	1.62
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	13	1.62
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	13	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	13	1.62
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	13	1.62
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	13	1.62
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	20	1.62
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	20	1.62
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	20	1.62
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	20	1.62
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	20	1.62
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	20	1.62
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	20	1.62
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	20	1.62
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	20	1.62
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	1	1.62
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	2	1.62
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	17	1.62
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	17	1.62
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	17	1.62
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	1	1.62
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	1	1.62
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	1	1.62
(1,655)	1:897:A:ILE:HG21	1:897:A:ILE:HG12	8	1.62
(1,655)	1:897:A:ILE:HG22	1:897:A:ILE:HG12	8	1.62
(1,655)	1:897:A:ILE:HG23	1:897:A:ILE:HG12	8	1.62
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD11	6	1.62
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD12	6	1.62
(1,638)	1:896:A:LEU:HB2	1:896:A:LEU:HD13	6	1.62
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	2	1.62
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	2	1.62
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	1	1.62
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	1	1.62
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	1	1.62
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	15	1.62
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	15	1.62
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	15	1.62
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	5	1.62
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	5	1.62
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	5	1.62
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	13	1.62
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	13	1.62
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	13	1.62
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	19	1.62
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	19	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	19	1.62
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	15	1.62
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	15	1.62
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	15	1.62
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	13	1.62
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	13	1.62
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	13	1.62
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	13	1.62
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	13	1.62
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	13	1.62
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	4	1.62
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	4	1.62
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	4	1.62
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	19	1.62
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	19	1.62
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	10	1.62
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	10	1.62
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	10	1.62
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	17	1.62
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	17	1.62
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	17	1.62
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	2	1.62
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	2	1.62
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	12	1.62
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	12	1.62
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	11	1.62
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	11	1.62
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	11	1.62
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	6	1.62
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	20	1.62
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	13	1.62
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	13	1.62
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	13	1.62
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	2	1.62
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	2	1.62
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	2	1.62
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	8	1.62
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	8	1.62
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	8	1.62
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	17	1.62
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	17	1.62
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	17	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	19	1.62
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	19	1.62
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	19	1.62
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	7	1.62
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	7	1.62
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	7	1.62
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	9	1.62
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	9	1.62
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	9	1.62
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	14	1.62
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	14	1.62
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	14	1.62
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	20	1.62
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	20	1.62
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	20	1.62
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	10	1.62
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	10	1.62
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	10	1.62
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	13	1.62
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	13	1.62
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	13	1.62
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	16	1.62
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	16	1.62
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	16	1.62
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	20	1.62
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	20	1.62
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	20	1.62
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	9	1.62
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	9	1.62
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	9	1.62
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	12	1.62
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	12	1.62
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	12	1.62
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD11	20	1.62
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD12	20	1.62
(1,248)	1:837:A:LEU:HA	1:837:A:LEU:HD13	20	1.62
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	12	1.62
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	12	1.62
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	12	1.62
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	12	1.62
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	3	1.62
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	3	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	3	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	4	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	4	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	4	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	4	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	4	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	4	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	4	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	4	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	4	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	7	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	7	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	7	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	7	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	7	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	7	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	7	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	7	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	7	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	12	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	12	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	12	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	12	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	12	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	12	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	12	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	12	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	12	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	18	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	18	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	18	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	18	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	18	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	18	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	18	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	18	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	18	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	20	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	20	1.62
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	20	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	20	1.62
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	20	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	20	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	20	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	20	1.62
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	20	1.62
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	3	1.62
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	3	1.62
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	3	1.62
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	11	1.62
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	11	1.62
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	11	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	5	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	5	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	5	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	8	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	8	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	8	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	12	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	12	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	12	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	14	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	14	1.62
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	14	1.62
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	18	1.62
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	18	1.62
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	18	1.62
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	7	1.62
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	13	1.62
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	13	1.62
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	13	1.62
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	17	1.62
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	17	1.62
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	17	1.62
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	1	1.62
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	1	1.62
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	1	1.62
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	11	1.62
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	11	1.62
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	11	1.62
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	10	1.62
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	10	1.62
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	10	1.62
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	4	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	4	1.62
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	4	1.62
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	5	1.62
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	5	1.62
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	5	1.62
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	4	1.62
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	4	1.62
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	4	1.62
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	9	1.62
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	9	1.62
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	9	1.62
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	16	1.62
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	16	1.62
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	16	1.62
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	17	1.62
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	17	1.62
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	17	1.62
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	3	1.62
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	2	1.62
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	2	1.62
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	2	1.62
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	2	1.62
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	2	1.62
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	2	1.62
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	3	1.62
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	3	1.62
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	3	1.62
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	3	1.62
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	3	1.62
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	3	1.62
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	13	1.62
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	13	1.62
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	13	1.62
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	13	1.62
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	13	1.62
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	13	1.62
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	15	1.62
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	15	1.62
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	15	1.62
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	15	1.62
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	15	1.62
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	15	1.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE1	18	1.62
(1,43)	1:806:A:ALA:HB1	1:840:A:PHE:HE2	18	1.62
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE1	18	1.62
(1,43)	1:806:A:ALA:HB2	1:840:A:PHE:HE2	18	1.62
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE1	18	1.62
(1,43)	1:806:A:ALA:HB3	1:840:A:PHE:HE2	18	1.62
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	19	1.62
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	19	1.62
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	19	1.62
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	15	1.62
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	15	1.62
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	15	1.62
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	11	1.61
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	11	1.61
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	11	1.61
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	11	1.61
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	14	1.61
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	14	1.61
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	14	1.61
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	14	1.61
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	17	1.61
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	17	1.61
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	14	1.61
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	14	1.61
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	14	1.61
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	14	1.61
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	14	1.61
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	14	1.61
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	20	1.61
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	20	1.61
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	20	1.61
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	20	1.61
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	12	1.61
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	12	1.61
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	4	1.61
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	4	1.61
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	9	1.61
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	9	1.61
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	19	1.61
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	19	1.61
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	1	1.61
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	1	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	9	1.61
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	9	1.61
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	7	1.61
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	7	1.61
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	7	1.61
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	7	1.61
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	7	1.61
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	7	1.61
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	17	1.61
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	17	1.61
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	6	1.61
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	6	1.61
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	12	1.61
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	12	1.61
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	18	1.61
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	18	1.61
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	15	1.61
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	15	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	1	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	1	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	1	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	1	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	1	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	1	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	3	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	3	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	3	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	3	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	3	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	3	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	9	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	9	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	9	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	9	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	9	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	9	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	16	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	16	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	16	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	16	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	16	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	16	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	17	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	17	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	17	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	17	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	17	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	17	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	18	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	18	1.61
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	18	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	18	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	18	1.61
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	18	1.61
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	13	1.61
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	13	1.61
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	8	1.61
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	8	1.61
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	5	1.61
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	5	1.61
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	5	1.61
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	5	1.61
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	5	1.61
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	5	1.61
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	5	1.61
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	5	1.61
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	6	1.61
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	6	1.61
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	7	1.61
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	7	1.61
(1,3060)	1:809:A:PHE:HB2	1:810:A:GLY:H	14	1.61
(1,3060)	1:809:A:PHE:HB3	1:810:A:GLY:H	14	1.61
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	3	1.61
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	3	1.61
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	15	1.61
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	15	1.61
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	4	1.61
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	4	1.61
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	4	1.61
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	4	1.61
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	3	1.61
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	10	1.61
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	5	1.61
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	5	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	5	1.61
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	19	1.61
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	19	1.61
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	19	1.61
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	10	1.61
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	10	1.61
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	10	1.61
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	7	1.61
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	7	1.61
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	7	1.61
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	20	1.61
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	20	1.61
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	20	1.61
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	16	1.61
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	16	1.61
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	16	1.61
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	20	1.61
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	20	1.61
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	20	1.61
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	12	1.61
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	12	1.61
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	12	1.61
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	14	1.61
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	14	1.61
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	14	1.61
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	7	1.61
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	7	1.61
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	7	1.61
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	9	1.61
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	9	1.61
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	9	1.61
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	9	1.61
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	9	1.61
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	9	1.61
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	9	1.61
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	9	1.61
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	9	1.61
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	13	1.61
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	13	1.61
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	13	1.61
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	6	1.61
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	6	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	6	1.61
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD11	7	1.61
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD12	7	1.61
(1,2805)	1:828:A:LEU:HD23	1:829:A:LEU:HD13	7	1.61
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD11	7	1.61
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD12	7	1.61
(1,2805)	1:828:A:LEU:HD21	1:829:A:LEU:HD13	7	1.61
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD11	7	1.61
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD12	7	1.61
(1,2805)	1:828:A:LEU:HD22	1:829:A:LEU:HD13	7	1.61
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	9	1.61
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	9	1.61
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	9	1.61
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	16	1.61
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	16	1.61
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	16	1.61
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	14	1.61
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	14	1.61
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	14	1.61
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	16	1.61
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	16	1.61
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	16	1.61
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	20	1.61
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	12	1.61
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	16	1.61
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	16	1.61
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	17	1.61
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	17	1.61
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	19	1.61
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	19	1.61
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	19	1.61
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	19	1.61
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	19	1.61
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	19	1.61
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	12	1.61
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	12	1.61
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	12	1.61
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	12	1.61
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	18	1.61
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	18	1.61
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	18	1.61
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	10	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	10	1.61
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	10	1.61
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	5	1.61
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	5	1.61
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	5	1.61
(1,2625)	1:857:A:LEU:HD11	1:858:A:LYS:H	8	1.61
(1,2625)	1:857:A:LEU:HD12	1:858:A:LYS:H	8	1.61
(1,2625)	1:857:A:LEU:HD13	1:858:A:LYS:H	8	1.61
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	15	1.61
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	15	1.61
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	15	1.61
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	6	1.61
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	6	1.61
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	6	1.61
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	7	1.61
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	7	1.61
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	7	1.61
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	2	1.61
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	2	1.61
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	2	1.61
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	3	1.61
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	3	1.61
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	3	1.61
(1,2568)	1:837:A:LEU:H	1:837:A:LEU:HG	19	1.61
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	14	1.61
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	14	1.61
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	14	1.61
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	14	1.61
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	3	1.61
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	3	1.61
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	20	1.61
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	20	1.61
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	11	1.61
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	11	1.61
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	11	1.61
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	11	1.61
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	9	1.61
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	9	1.61
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	18	1.61
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	18	1.61
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	17	1.61
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	1	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	5	1.61
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	5	1.61
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	15	1.61
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	15	1.61
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	6	1.61
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	6	1.61
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	6	1.61
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	6	1.61
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	6	1.61
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	6	1.61
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	6	1.61
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	6	1.61
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	6	1.61
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	6	1.61
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	6	1.61
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	15	1.61
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	15	1.61
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	15	1.61
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	15	1.61
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	15	1.61
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	15	1.61
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	8	1.61
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	8	1.61
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	8	1.61
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	8	1.61
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	8	1.61
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	8	1.61
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	9	1.61
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	9	1.61
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	18	1.61
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	18	1.61
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	18	1.61
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	18	1.61
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	18	1.61
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	18	1.61
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	13	1.61
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	13	1.61
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	13	1.61
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	19	1.61
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	19	1.61
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	4	1.61
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	4	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	4	1.61
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	4	1.61
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	4	1.61
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	4	1.61
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	1	1.61
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	1	1.61
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	1	1.61
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	1	1.61
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	1	1.61
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	1	1.61
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	9	1.61
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	9	1.61
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	8	1.61
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	8	1.61
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	9	1.61
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	9	1.61
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	9	1.61
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	9	1.61
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	9	1.61
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	9	1.61
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	17	1.61
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	17	1.61
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	17	1.61
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	17	1.61
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	17	1.61
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	17	1.61
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	9	1.61
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	9	1.61
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	9	1.61
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	9	1.61
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	9	1.61
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	9	1.61
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	14	1.61
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	14	1.61
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	8	1.61
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	8	1.61
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	8	1.61
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	8	1.61
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	19	1.61
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	19	1.61
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	4	1.61
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	4	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	20	1.61
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	20	1.61
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	20	1.61
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	14	1.61
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	14	1.61
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	14	1.61
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	9	1.61
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	9	1.61
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	9	1.61
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	20	1.61
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	20	1.61
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	3	1.61
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	19	1.61
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	19	1.61
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	3	1.61
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	20	1.61
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	20	1.61
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	20	1.61
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	1	1.61
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	1	1.61
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	1	1.61
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	10	1.61
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	10	1.61
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	10	1.61
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	18	1.61
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	18	1.61
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	18	1.61
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	20	1.61
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	20	1.61
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	20	1.61
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	11	1.61
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	11	1.61
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	11	1.61
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	11	1.61
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	11	1.61
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	11	1.61
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	14	1.61
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	14	1.61
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	12	1.61
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	12	1.61
(1,1859)	1:889:A:ILE:HG21	1:893:A:GLN:HE21	5	1.61
(1,1859)	1:889:A:ILE:HG22	1:893:A:GLN:HE21	5	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1859)	1:889:A:ILE:HG23	1:893:A:GLN:HE21	5	1.61
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	6	1.61
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	6	1.61
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	11	1.61
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	11	1.61
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	19	1.61
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	19	1.61
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	7	1.61
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	2	1.61
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	2	1.61
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	2	1.61
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	12	1.61
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	12	1.61
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	12	1.61
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	12	1.61
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	15	1.61
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	6	1.61
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	6	1.61
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	6	1.61
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	17	1.61
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	17	1.61
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	17	1.61
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	14	1.61
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	7	1.61
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	7	1.61
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	10	1.61
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	8	1.61
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	8	1.61
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	1	1.61
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	1	1.61
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	7	1.61
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	7	1.61
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	7	1.61
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	15	1.61
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	15	1.61
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	18	1.61
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	18	1.61
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	17	1.61
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	16	1.61
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	16	1.61
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	15	1.61
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	8	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	4	1.61
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	4	1.61
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	1	1.61
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	16	1.61
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	16	1.61
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	11	1.61
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	11	1.61
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	11	1.61
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	7	1.61
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	7	1.61
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	7	1.61
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	16	1.61
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	16	1.61
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	16	1.61
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	9	1.61
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	9	1.61
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	16	1.61
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	16	1.61
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	3	1.61
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	3	1.61
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	18	1.61
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	18	1.61
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	12	1.61
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	12	1.61
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	12	1.61
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	17	1.61
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	17	1.61
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	17	1.61
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	4	1.61
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	4	1.61
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	4	1.61
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	20	1.61
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	20	1.61
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	20	1.61
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	1	1.61
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	1	1.61
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	1	1.61
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	15	1.61
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	15	1.61
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	5	1.61
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	11	1.61
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	11	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	14	1.61
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	3	1.61
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	3	1.61
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	3	1.61
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	6	1.61
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	1	1.61
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	1	1.61
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	6	1.61
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	6	1.61
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	6	1.61
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	19	1.61
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	19	1.61
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	19	1.61
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	7	1.61
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	7	1.61
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	7	1.61
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	17	1.61
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	17	1.61
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	17	1.61
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	20	1.61
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	20	1.61
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	20	1.61
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	1	1.61
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	1	1.61
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	1	1.61
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	2	1.61
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	2	1.61
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	2	1.61
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	3	1.61
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	3	1.61
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	3	1.61
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	6	1.61
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	6	1.61
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	6	1.61
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	16	1.61
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	4	1.61
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	9	1.61
(1,785)	1:921:A:LYS:HA	1:924:A:TYR:HB2	17	1.61
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	12	1.61
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	12	1.61
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	12	1.61
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	1	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	1	1.61
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	1	1.61
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	7	1.61
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	20	1.61
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	20	1.61
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	20	1.61
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD11	11	1.61
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD12	11	1.61
(1,680)	1:898:A:GLU:HG3	1:926:A:LEU:HD13	11	1.61
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	18	1.61
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	18	1.61
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	18	1.61
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	19	1.61
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	19	1.61
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	19	1.61
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	9	1.61
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	9	1.61
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	2	1.61
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	2	1.61
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	2	1.61
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	2	1.61
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	2	1.61
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	2	1.61
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	2	1.61
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	2	1.61
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	2	1.61
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	4	1.61
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	4	1.61
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	4	1.61
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	4	1.61
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	4	1.61
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	4	1.61
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	4	1.61
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	4	1.61
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	4	1.61
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	17	1.61
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	17	1.61
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	17	1.61
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	17	1.61
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	17	1.61
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	17	1.61
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	17	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	17	1.61
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	17	1.61
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	7	1.61
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	7	1.61
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	7	1.61
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	3	1.61
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	3	1.61
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	3	1.61
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	14	1.61
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	14	1.61
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	14	1.61
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	18	1.61
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	18	1.61
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	18	1.61
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	17	1.61
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	17	1.61
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	17	1.61
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	20	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	2	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	2	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	2	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	7	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	7	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	7	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	9	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	9	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	9	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	15	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	15	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	15	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	17	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	17	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	17	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	20	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	20	1.61
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	20	1.61
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	4	1.61
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	4	1.61
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	4	1.61
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	14	1.61
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	14	1.61
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	14	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	1	1.61
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	1	1.61
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	1	1.61
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD22	15	1.61
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD23	15	1.61
(1,427)	1:897:A:ILE:HG21	1:926:A:LEU:HD21	15	1.61
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD22	15	1.61
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD23	15	1.61
(1,427)	1:897:A:ILE:HG22	1:926:A:LEU:HD21	15	1.61
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD22	15	1.61
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD23	15	1.61
(1,427)	1:897:A:ILE:HG23	1:926:A:LEU:HD21	15	1.61
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	17	1.61
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	17	1.61
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	3	1.61
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	3	1.61
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	16	1.61
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	16	1.61
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD3	11	1.61
(1,410)	1:864:A:LYS:HA	1:864:A:LYS:HD2	11	1.61
(1,399)	1:862:A:ILE:HD11	1:903:A:ASP:HB3	3	1.61
(1,399)	1:862:A:ILE:HD12	1:903:A:ASP:HB3	3	1.61
(1,399)	1:862:A:ILE:HD13	1:903:A:ASP:HB3	3	1.61
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	17	1.61
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	17	1.61
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	17	1.61
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	18	1.61
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	18	1.61
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	18	1.61
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	12	1.61
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	12	1.61
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	12	1.61
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	10	1.61
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	10	1.61
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	10	1.61
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	6	1.61
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	6	1.61
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	6	1.61
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	9	1.61
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	9	1.61
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	9	1.61
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	17	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	17	1.61
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	17	1.61
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	19	1.61
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	19	1.61
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	19	1.61
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	8	1.61
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	19	1.61
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	1	1.61
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	9	1.61
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	9	1.61
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	9	1.61
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	9	1.61
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	9	1.61
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	9	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	1	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	1	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	1	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	1	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	1	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	1	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	1	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	1	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	1	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	2	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	2	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	2	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	2	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	2	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	2	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	2	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	2	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	2	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	3	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	3	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	3	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	3	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	3	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	3	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	3	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	3	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	3	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	5	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	5	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	5	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	5	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	5	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	5	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	5	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	5	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	5	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	8	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	8	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	8	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	8	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	8	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	8	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	8	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	8	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	8	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	9	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	9	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	9	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	9	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	9	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	9	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	9	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	9	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	9	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	10	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	10	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	10	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	10	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	10	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	10	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	10	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	10	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	10	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	17	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	17	1.61
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	17	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	17	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	17	1.61
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	17	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	17	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	17	1.61
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	17	1.61
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	8	1.61
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	8	1.61
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	8	1.61
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	7	1.61
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	7	1.61
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	7	1.61
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	13	1.61
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	13	1.61
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	13	1.61
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	8	1.61
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	8	1.61
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	8	1.61
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	4	1.61
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	4	1.61
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	3	1.61
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	3	1.61
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	3	1.61
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	7	1.61
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	7	1.61
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	7	1.61
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	7	1.61
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	7	1.61
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	7	1.61
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	7	1.61
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	7	1.61
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	7	1.61
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	9	1.61
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	9	1.61
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	9	1.61
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB1	8	1.61
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB2	8	1.61
(1,105)	1:814:A:ASN:HB2	1:815:A:ALA:HB3	8	1.61
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	2	1.61
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	2	1.61
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	2	1.61
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	6	1.61
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	6	1.61
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	6	1.61
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	9	1.61
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	9	1.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	9	1.61
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	6	1.61
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	6	1.61
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	6	1.61
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	19	1.61
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	19	1.61
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	19	1.61
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	5	1.61
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	5	1.61
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	5	1.61
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	1	1.61
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	1	1.61
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	1	1.61
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	17	1.6
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	17	1.6
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	1	1.6
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	1	1.6
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	14	1.6
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	14	1.6
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	8	1.6
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	8	1.6
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	8	1.6
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	8	1.6
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	15	1.6
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	15	1.6
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	19	1.6
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	19	1.6
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	9	1.6
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	9	1.6
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	20	1.6
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	20	1.6
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	1	1.6
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	1	1.6
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	1	1.6
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	1	1.6
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	6	1.6
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	6	1.6
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	6	1.6
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	6	1.6
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	19	1.6
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	19	1.6
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	19	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	19	1.6
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	7	1.6
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	7	1.6
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	7	1.6
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	7	1.6
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	6	1.6
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	6	1.6
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	17	1.6
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	17	1.6
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	11	1.6
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	11	1.6
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	12	1.6
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	12	1.6
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	1	1.6
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	1	1.6
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	1	1.6
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	1	1.6
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	14	1.6
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	14	1.6
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	14	1.6
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	14	1.6
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	15	1.6
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	15	1.6
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	15	1.6
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	15	1.6
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	19	1.6
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	19	1.6
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	3	1.6
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	3	1.6
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	3	1.6
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	3	1.6
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	3	1.6
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	3	1.6
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	18	1.6
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	18	1.6
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	18	1.6
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	18	1.6
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	18	1.6
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	18	1.6
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	20	1.6
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	20	1.6
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	20	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	20	1.6
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	20	1.6
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	20	1.6
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	1	1.6
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	1	1.6
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	4	1.6
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	4	1.6
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	13	1.6
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	13	1.6
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	17	1.6
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	17	1.6
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	20	1.6
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	20	1.6
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	20	1.6
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	20	1.6
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	20	1.6
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	20	1.6
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	12	1.6
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	12	1.6
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	20	1.6
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	20	1.6
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	2	1.6
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	2	1.6
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	2	1.6
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	2	1.6
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	4	1.6
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	4	1.6
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	4	1.6
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	4	1.6
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	10	1.6
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	10	1.6
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	5	1.6
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	5	1.6
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	5	1.6
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	5	1.6
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	5	1.6
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	5	1.6
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	3	1.6
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	3	1.6
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	8	1.6
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	8	1.6
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	8	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	8	1.6
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	8	1.6
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	8	1.6
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	8	1.6
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	8	1.6
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	8	1.6
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	8	1.6
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	8	1.6
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	8	1.6
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	9	1.6
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	9	1.6
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	19	1.6
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	19	1.6
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	19	1.6
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	19	1.6
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	19	1.6
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	19	1.6
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	11	1.6
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	11	1.6
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	3	1.6
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	3	1.6
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	3	1.6
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	3	1.6
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	2	1.6
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	9	1.6
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	14	1.6
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	4	1.6
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	4	1.6
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	4	1.6
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	5	1.6
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	5	1.6
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	5	1.6
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	20	1.6
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	20	1.6
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	20	1.6
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	14	1.6
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	16	1.6
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	3	1.6
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	3	1.6
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	3	1.6
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	13	1.6
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	13	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	13	1.6
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	13	1.6
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	11	1.6
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	11	1.6
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	11	1.6
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	5	1.6
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	5	1.6
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	5	1.6
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	1	1.6
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	1	1.6
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	1	1.6
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	3	1.6
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	3	1.6
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	3	1.6
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD11	12	1.6
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD12	12	1.6
(1,2868)	1:870:A:TYR:HA	1:873:A:LEU:HD13	12	1.6
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	11	1.6
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	11	1.6
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	11	1.6
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	12	1.6
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	12	1.6
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	1	1.6
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	1	1.6
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	1	1.6
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	20	1.6
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	20	1.6
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	20	1.6
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	4	1.6
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	4	1.6
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	4	1.6
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	5	1.6
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	5	1.6
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	5	1.6
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	8	1.6
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	8	1.6
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	8	1.6
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	11	1.6
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	11	1.6
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	6	1.6
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	6	1.6
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	6	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	9	1.6
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	9	1.6
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	9	1.6
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	1	1.6
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	1	1.6
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	1	1.6
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	12	1.6
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	12	1.6
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	12	1.6
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	15	1.6
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	15	1.6
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	15	1.6
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	17	1.6
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	17	1.6
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	17	1.6
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	20	1.6
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	20	1.6
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	20	1.6
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	19	1.6
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	19	1.6
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	19	1.6
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	9	1.6
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	17	1.6
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	14	1.6
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	7	1.6
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	13	1.6
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	13	1.6
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	13	1.6
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	13	1.6
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	13	1.6
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	6	1.6
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	6	1.6
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	6	1.6
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	6	1.6
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	10	1.6
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	10	1.6
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	10	1.6
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	10	1.6
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	14	1.6
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	14	1.6
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	1	1.6
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	1	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	1	1.6
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	13	1.6
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	13	1.6
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	13	1.6
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	20	1.6
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	20	1.6
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	20	1.6
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	7	1.6
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	7	1.6
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	7	1.6
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	11	1.6
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	11	1.6
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	11	1.6
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	19	1.6
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	19	1.6
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	19	1.6
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	18	1.6
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	18	1.6
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	18	1.6
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	18	1.6
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	18	1.6
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	18	1.6
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	20	1.6
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	20	1.6
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	20	1.6
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	20	1.6
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	20	1.6
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	20	1.6
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	9	1.6
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	7	1.6
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	7	1.6
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	9	1.6
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	9	1.6
(1,2568)	1:837:A:LEU:H	1:837:A:LEU:HG	10	1.6
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	15	1.6
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	15	1.6
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	15	1.6
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	20	1.6
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	5	1.6
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	5	1.6
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	5	1.6
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	9	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	9	1.6
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	9	1.6
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	15	1.6
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	15	1.6
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	15	1.6
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	15	1.6
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	12	1.6
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	12	1.6
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	2	1.6
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	11	1.6
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	9	1.6
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	9	1.6
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	20	1.6
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	20	1.6
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	15	1.6
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	15	1.6
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	3	1.6
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	14	1.6
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	17	1.6
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	17	1.6
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	14	1.6
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	17	1.6
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	17	1.6
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	17	1.6
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	17	1.6
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	17	1.6
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	17	1.6
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	17	1.6
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	17	1.6
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	17	1.6
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	5	1.6
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	5	1.6
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	20	1.6
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	20	1.6
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	13	1.6
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	13	1.6
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	13	1.6
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	13	1.6
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	13	1.6
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	13	1.6
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	16	1.6
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	16	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	16	1.6
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	16	1.6
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	16	1.6
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	16	1.6
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	1	1.6
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	1	1.6
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	11	1.6
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	11	1.6
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	12	1.6
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	12	1.6
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	20	1.6
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	20	1.6
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	20	1.6
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	20	1.6
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	20	1.6
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	20	1.6
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	12	1.6
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	12	1.6
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	13	1.6
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	13	1.6
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD21	6	1.6
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD22	6	1.6
(1,2328)	1:882:A:PHE:HE2	1:886:A:LEU:HD23	6	1.6
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD21	6	1.6
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD22	6	1.6
(1,2328)	1:882:A:PHE:HE1	1:886:A:LEU:HD23	6	1.6
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	4	1.6
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	4	1.6
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	4	1.6
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	4	1.6
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	4	1.6
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	4	1.6
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	5	1.6
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	5	1.6
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	5	1.6
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	5	1.6
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	5	1.6
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	5	1.6
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	1	1.6
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	1	1.6
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	5	1.6
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	5	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	16	1.6
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	16	1.6
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	16	1.6
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	16	1.6
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	16	1.6
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	16	1.6
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	7	1.6
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	12	1.6
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	18	1.6
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	19	1.6
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	13	1.6
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	13	1.6
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	13	1.6
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	13	1.6
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	13	1.6
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	13	1.6
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	15	1.6
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	15	1.6
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	15	1.6
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	15	1.6
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	15	1.6
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	15	1.6
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	16	1.6
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	16	1.6
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	16	1.6
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	16	1.6
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	16	1.6
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	16	1.6
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	14	1.6
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	13	1.6
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	13	1.6
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	9	1.6
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	9	1.6
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	9	1.6
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	10	1.6
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	10	1.6
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	6	1.6
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	19	1.6
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	19	1.6
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	19	1.6
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	20	1.6
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	20	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	20	1.6
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	4	1.6
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	4	1.6
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	18	1.6
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	18	1.6
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	13	1.6
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	13	1.6
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	11	1.6
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	11	1.6
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	11	1.6
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	10	1.6
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD11	13	1.6
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD12	13	1.6
(1,1678)	1:877:A:SER:H	1:920:A:LEU:HD13	13	1.6
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	6	1.6
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	18	1.6
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	13	1.6
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	13	1.6
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	6	1.6
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	6	1.6
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	10	1.6
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	10	1.6
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	13	1.6
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	13	1.6
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	13	1.6
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	19	1.6
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	19	1.6
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	11	1.6
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	11	1.6
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	11	1.6
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	16	1.6
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	16	1.6
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	16	1.6
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	19	1.6
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	19	1.6
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	19	1.6
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	11	1.6
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	11	1.6
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	3	1.6
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	3	1.6
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	6	1.6
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	9	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	9	1.6
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	4	1.6
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	10	1.6
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	20	1.6
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	20	1.6
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	20	1.6
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	6	1.6
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	6	1.6
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	6	1.6
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	9	1.6
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	9	1.6
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	9	1.6
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	20	1.6
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	20	1.6
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	20	1.6
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	13	1.6
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	13	1.6
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	7	1.6
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	7	1.6
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	2	1.6
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	2	1.6
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	2	1.6
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	2	1.6
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	2	1.6
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	2	1.6
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	16	1.6
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	16	1.6
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	3	1.6
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	18	1.6
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	12	1.6
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	12	1.6
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	12	1.6
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	15	1.6
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	3	1.6
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	3	1.6
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	15	1.6
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	15	1.6
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	7	1.6
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	7	1.6
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	7	1.6
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	10	1.6
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	10	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	10	1.6
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	3	1.6
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	3	1.6
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	3	1.6
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	11	1.6
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	11	1.6
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	11	1.6
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	11	1.6
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	11	1.6
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	11	1.6
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD21	4	1.6
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD22	4	1.6
(1,850)	1:866:A:PRO:HB3	1:904:A:LEU:HD23	4	1.6
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	12	1.6
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	12	1.6
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	12	1.6
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	8	1.6
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	8	1.6
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	8	1.6
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	19	1.6
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	20	1.6
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	20	1.6
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	20	1.6
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	20	1.6
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	20	1.6
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	20	1.6
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG3	18	1.6
(1,767)	1:919:A:ALA:HA	1:922:A:ARG:HG2	18	1.6
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	10	1.6
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	10	1.6
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	10	1.6
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	10	1.6
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	10	1.6
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	10	1.6
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	20	1.6
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	20	1.6
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	20	1.6
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	20	1.6
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	20	1.6
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	20	1.6
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	16	1.6
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	16	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	16	1.6
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	17	1.6
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	17	1.6
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	17	1.6
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	17	1.6
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	17	1.6
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	17	1.6
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	17	1.6
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	17	1.6
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	17	1.6
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	11	1.6
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	2	1.6
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	2	1.6
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	2	1.6
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	2	1.6
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	2	1.6
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	2	1.6
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	16	1.6
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	16	1.6
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	16	1.6
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	16	1.6
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	16	1.6
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	16	1.6
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	16	1.6
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	16	1.6
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	16	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	1	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	1	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	1	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	3	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	3	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	3	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	14	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	14	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	14	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	18	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	18	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	18	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	19	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	19	1.6
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	19	1.6
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	17	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	8	1.6
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	8	1.6
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	8	1.6
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	9	1.6
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	9	1.6
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	9	1.6
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	13	1.6
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	13	1.6
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	13	1.6
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	18	1.6
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	18	1.6
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	18	1.6
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	18	1.6
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	18	1.6
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	18	1.6
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	18	1.6
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	18	1.6
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	18	1.6
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	11	1.6
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	11	1.6
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	11	1.6
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	20	1.6
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	20	1.6
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	20	1.6
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	19	1.6
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	19	1.6
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	19	1.6
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	19	1.6
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	19	1.6
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	19	1.6
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	19	1.6
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	19	1.6
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	19	1.6
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	15	1.6
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	15	1.6
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	15	1.6
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	19	1.6
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	19	1.6
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	19	1.6
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	11	1.6
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	11	1.6
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	11	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	1	1.6
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	1	1.6
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	1	1.6
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	3	1.6
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	3	1.6
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	3	1.6
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	4	1.6
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	4	1.6
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	4	1.6
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	13	1.6
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	13	1.6
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	13	1.6
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	9	1.6
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	9	1.6
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	9	1.6
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	10	1.6
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	10	1.6
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	10	1.6
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	16	1.6
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	16	1.6
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	16	1.6
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	3	1.6
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	3	1.6
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	3	1.6
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	18	1.6
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	18	1.6
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	18	1.6
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	6	1.6
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	6	1.6
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	14	1.6
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	14	1.6
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	15	1.6
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	15	1.6
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	5	1.6
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	5	1.6
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	5	1.6
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	18	1.6
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	18	1.6
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	18	1.6
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	16	1.6
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	16	1.6
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	16	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	8	1.6
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	8	1.6
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	8	1.6
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	11	1.6
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	11	1.6
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	11	1.6
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	9	1.6
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	9	1.6
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	9	1.6
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	9	1.6
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	9	1.6
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	9	1.6
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	9	1.6
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	9	1.6
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	9	1.6
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD11	11	1.6
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD12	11	1.6
(1,348)	1:854:A:ILE:HD11	1:897:A:ILE:HD13	11	1.6
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD11	11	1.6
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD12	11	1.6
(1,348)	1:854:A:ILE:HD12	1:897:A:ILE:HD13	11	1.6
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD11	11	1.6
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD12	11	1.6
(1,348)	1:854:A:ILE:HD13	1:897:A:ILE:HD13	11	1.6
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	2	1.6
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	2	1.6
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	2	1.6
(1,331)	1:854:A:ILE:HG21	1:897:A:ILE:HA	6	1.6
(1,331)	1:854:A:ILE:HG22	1:897:A:ILE:HA	6	1.6
(1,331)	1:854:A:ILE:HG23	1:897:A:ILE:HA	6	1.6
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	8	1.6
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	8	1.6
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	8	1.6
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	6	1.6
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	6	1.6
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	8	1.6
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	8	1.6
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	8	1.6
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	8	1.6
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	8	1.6
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	8	1.6
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	11	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	11	1.6
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	11	1.6
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	11	1.6
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	11	1.6
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	11	1.6
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	15	1.6
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	15	1.6
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	15	1.6
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	15	1.6
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	15	1.6
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	15	1.6
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	13	1.6
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	13	1.6
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	13	1.6
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	13	1.6
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	13	1.6
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	13	1.6
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	13	1.6
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	13	1.6
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	13	1.6
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	19	1.6
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	19	1.6
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	19	1.6
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	19	1.6
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	19	1.6
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	19	1.6
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	19	1.6
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	19	1.6
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	19	1.6
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	18	1.6
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	18	1.6
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	18	1.6
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	18	1.6
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	18	1.6
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	18	1.6
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	18	1.6
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	18	1.6
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	18	1.6
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	2	1.6
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	11	1.6
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	11	1.6
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	11	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	17	1.6
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	9	1.6
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	9	1.6
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	9	1.6
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	3	1.6
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	3	1.6
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	3	1.6
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	3	1.6
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	3	1.6
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	3	1.6
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	3	1.6
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	3	1.6
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	3	1.6
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	9	1.6
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	9	1.6
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	9	1.6
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	8	1.6
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	8	1.6
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	8	1.6
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	1	1.6
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	1	1.6
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	1	1.6
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	4	1.6
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	4	1.6
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	4	1.6
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	17	1.6
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	17	1.6
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	17	1.6
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	1	1.6
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	1	1.6
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	1	1.6
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	2	1.6
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	2	1.6
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	2	1.6
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	3	1.6
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	3	1.6
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	3	1.6
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	5	1.6
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	5	1.6
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	5	1.6
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	8	1.6
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	8	1.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	8	1.6
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	12	1.6
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	12	1.6
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	12	1.6
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	19	1.6
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	19	1.6
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	19	1.6
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	19	1.6
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	19	1.59
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	19	1.59
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	12	1.59
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	12	1.59
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	15	1.59
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	15	1.59
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	4	1.59
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	4	1.59
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	16	1.59
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	16	1.59
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	16	1.59
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	16	1.59
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	15	1.59
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	15	1.59
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	10	1.59
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	10	1.59
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	2	1.59
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	2	1.59
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	12	1.59
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	12	1.59
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	18	1.59
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	18	1.59
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	20	1.59
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	20	1.59
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	4	1.59
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	4	1.59
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	19	1.59
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	19	1.59
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	14	1.59
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	14	1.59
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	6	1.59
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	6	1.59
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	6	1.59
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	6	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	11	1.59
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	11	1.59
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	11	1.59
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	11	1.59
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB2	1	1.59
(1,3277)	1:876:A:LEU:H	1:876:A:LEU:HB3	1	1.59
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	7	1.59
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	7	1.59
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	2	1.59
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	2	1.59
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	2	1.59
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	2	1.59
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	2	1.59
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	2	1.59
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	20	1.59
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	20	1.59
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	3	1.59
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	3	1.59
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	3	1.59
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	3	1.59
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	3	1.59
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	3	1.59
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	11	1.59
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	11	1.59
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	11	1.59
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	11	1.59
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	11	1.59
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	11	1.59
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	15	1.59
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	15	1.59
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	9	1.59
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	9	1.59
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	9	1.59
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	9	1.59
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	13	1.59
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	13	1.59
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	13	1.59
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	13	1.59
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	14	1.59
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	14	1.59
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	14	1.59
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	14	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	17	1.59
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	17	1.59
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	17	1.59
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	17	1.59
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	14	1.59
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	14	1.59
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG2	17	1.59
(1,3152)	1:843:A:ASN:H	1:844:A:LYS:HG3	17	1.59
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	19	1.59
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	19	1.59
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	19	1.59
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	19	1.59
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	19	1.59
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	19	1.59
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	11	1.59
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	11	1.59
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	11	1.59
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	11	1.59
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	11	1.59
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	11	1.59
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	18	1.59
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	18	1.59
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	16	1.59
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	16	1.59
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	4	1.59
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	4	1.59
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	19	1.59
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	19	1.59
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	19	1.59
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	19	1.59
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	19	1.59
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	19	1.59
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	8	1.59
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	8	1.59
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	6	1.59
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	6	1.59
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	19	1.59
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	19	1.59
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	10	1.59
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	10	1.59
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	10	1.59
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	10	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	10	1.59
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	10	1.59
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	4	1.59
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	4	1.59
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	7	1.59
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	12	1.59
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	13	1.59
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	16	1.59
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	12	1.59
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	12	1.59
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	4	1.59
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	4	1.59
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	15	1.59
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	15	1.59
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	19	1.59
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	19	1.59
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	19	1.59
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	15	1.59
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	15	1.59
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	15	1.59
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	6	1.59
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	6	1.59
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	6	1.59
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	4	1.59
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	4	1.59
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	4	1.59
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	5	1.59
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	5	1.59
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	5	1.59
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	16	1.59
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	16	1.59
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	16	1.59
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	6	1.59
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	6	1.59
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	6	1.59
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	6	1.59
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	6	1.59
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	6	1.59
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	6	1.59
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	6	1.59
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	6	1.59
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	11	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	11	1.59
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	11	1.59
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	11	1.59
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	11	1.59
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	11	1.59
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	20	1.59
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	20	1.59
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	20	1.59
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	6	1.59
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	6	1.59
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	6	1.59
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	7	1.59
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	7	1.59
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	7	1.59
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	3	1.59
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	3	1.59
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	8	1.59
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	8	1.59
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	8	1.59
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	2	1.59
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	2	1.59
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	2	1.59
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	4	1.59
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	4	1.59
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	4	1.59
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	18	1.59
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	18	1.59
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	18	1.59
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	6	1.59
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	6	1.59
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	6	1.59
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	19	1.59
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	19	1.59
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	19	1.59
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	5	1.59
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	5	1.59
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	5	1.59
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	2	1.59
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	11	1.59
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	18	1.59
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	3	1.59
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	14	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	5	1.59
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	18	1.59
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	12	1.59
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	3	1.59
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	3	1.59
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	3	1.59
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	3	1.59
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	3	1.59
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	3	1.59
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	7	1.59
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	7	1.59
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	7	1.59
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	7	1.59
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	19	1.59
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	19	1.59
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	19	1.59
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	19	1.59
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	5	1.59
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	5	1.59
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	16	1.59
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	18	1.59
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	2	1.59
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	2	1.59
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	2	1.59
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	1	1.59
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	1	1.59
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	1	1.59
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	1	1.59
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	1	1.59
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	1	1.59
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	4	1.59
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	4	1.59
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	4	1.59
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	19	1.59
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	19	1.59
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	19	1.59
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	16	1.59
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	16	1.59
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	16	1.59
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	2	1.59
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	20	1.59
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	4	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	4	1.59
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	8	1.59
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	8	1.59
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	18	1.59
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	9	1.59
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	9	1.59
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	9	1.59
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	9	1.59
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	3	1.59
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	3	1.59
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	11	1.59
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	11	1.59
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	11	1.59
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD1	2	1.59
(1,2481)	1:835:A:LYS:HA	1:875:A:TYR:HD2	2	1.59
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	13	1.59
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	13	1.59
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	2	1.59
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	2	1.59
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	17	1.59
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	17	1.59
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	15	1.59
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	15	1.59
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	3	1.59
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	1	1.59
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	1	1.59
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	20	1.59
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	20	1.59
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	4	1.59
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	4	1.59
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	7	1.59
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	7	1.59
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	12	1.59
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	12	1.59
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	12	1.59
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	12	1.59
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	12	1.59
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	12	1.59
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	11	1.59
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	11	1.59
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	14	1.59
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	14	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	11	1.59
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	11	1.59
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	11	1.59
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	11	1.59
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	11	1.59
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	11	1.59
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	13	1.59
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	13	1.59
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	13	1.59
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	13	1.59
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	13	1.59
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	13	1.59
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	15	1.59
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	15	1.59
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	15	1.59
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	15	1.59
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	15	1.59
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	15	1.59
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	15	1.59
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	15	1.59
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	16	1.59
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	16	1.59
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	16	1.59
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	16	1.59
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	16	1.59
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	16	1.59
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	18	1.59
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	18	1.59
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	18	1.59
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	18	1.59
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	18	1.59
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	18	1.59
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	4	1.59
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	4	1.59
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	4	1.59
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	4	1.59
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	4	1.59
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	4	1.59
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	16	1.59
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	16	1.59
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	16	1.59
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	16	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	16	1.59
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	16	1.59
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	18	1.59
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	18	1.59
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	18	1.59
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	18	1.59
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	18	1.59
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	18	1.59
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	12	1.59
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	12	1.59
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	9	1.59
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	9	1.59
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	9	1.59
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	9	1.59
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	16	1.59
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	16	1.59
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	16	1.59
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	16	1.59
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	20	1.59
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	20	1.59
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	20	1.59
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	20	1.59
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	15	1.59
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	15	1.59
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	11	1.59
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	11	1.59
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	19	1.59
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	19	1.59
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	13	1.59
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	17	1.59
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	17	1.59
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	17	1.59
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	17	1.59
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	17	1.59
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	17	1.59
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	2	1.59
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	2	1.59
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	2	1.59
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	14	1.59
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	14	1.59
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	1	1.59
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	1	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	12	1.59
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	13	1.59
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	13	1.59
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	13	1.59
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	6	1.59
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	6	1.59
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	12	1.59
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	16	1.59
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	16	1.59
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	14	1.59
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	14	1.59
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	20	1.59
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	19	1.59
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	1	1.59
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	1	1.59
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	6	1.59
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	6	1.59
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	6	1.59
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	4	1.59
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	4	1.59
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	4	1.59
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	3	1.59
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	3	1.59
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	16	1.59
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	16	1.59
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	16	1.59
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	3	1.59
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	3	1.59
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	2	1.59
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	4	1.59
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	9	1.59
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	13	1.59
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	13	1.59
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	17	1.59
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	17	1.59
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	6	1.59
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	6	1.59
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	1	1.59
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	1	1.59
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	1	1.59
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	9	1.59
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	9	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	9	1.59
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	6	1.59
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	15	1.59
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	15	1.59
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	1	1.59
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	1	1.59
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	1	1.59
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	9	1.59
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	19	1.59
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	19	1.59
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	17	1.59
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	17	1.59
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	17	1.59
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	17	1.59
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	17	1.59
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	17	1.59
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	3	1.59
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	6	1.59
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	19	1.59
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	19	1.59
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	6	1.59
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	6	1.59
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	6	1.59
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	11	1.59
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	11	1.59
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	11	1.59
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	15	1.59
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	15	1.59
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	12	1.59
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	12	1.59
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	9	1.59
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	9	1.59
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	9	1.59
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	19	1.59
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	19	1.59
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	19	1.59
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	16	1.59
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	5	1.59
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	14	1.59
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	6	1.59
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	6	1.59
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	12	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	12	1.59
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	16	1.59
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	16	1.59
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE1	10	1.59
(1,949)	1:806:A:ALA:H	1:840:A:PHE:HE2	10	1.59
(1,942)	1:805:A:ASN:HB2	1:805:A:ASN:HD21	17	1.59
(1,942)	1:805:A:ASN:HB3	1:805:A:ASN:HD21	17	1.59
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	2	1.59
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	2	1.59
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	2	1.59
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	12	1.59
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	12	1.59
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	12	1.59
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	19	1.59
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	19	1.59
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	19	1.59
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	7	1.59
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	7	1.59
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	7	1.59
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	5	1.59
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	5	1.59
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	5	1.59
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	2	1.59
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	2	1.59
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	19	1.59
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	19	1.59
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	12	1.59
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	12	1.59
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	12	1.59
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	12	1.59
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	12	1.59
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	12	1.59
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	6	1.59
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	6	1.59
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	6	1.59
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	3	1.59
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	3	1.59
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	3	1.59
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	4	1.59
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	4	1.59
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	4	1.59
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	17	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	17	1.59
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	17	1.59
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	17	1.59
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	17	1.59
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	17	1.59
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	4	1.59
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	4	1.59
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	4	1.59
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE1	11	1.59
(1,775)	1:920:A:LEU:HD21	1:924:A:TYR:HE2	11	1.59
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE1	11	1.59
(1,775)	1:920:A:LEU:HD22	1:924:A:TYR:HE2	11	1.59
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE1	11	1.59
(1,775)	1:920:A:LEU:HD23	1:924:A:TYR:HE2	11	1.59
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	18	1.59
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	18	1.59
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	18	1.59
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	8	1.59
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	8	1.59
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	6	1.59
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	6	1.59
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	6	1.59
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	3	1.59
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	1	1.59
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	13	1.59
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	10	1.59
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	10	1.59
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	10	1.59
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	10	1.59
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	10	1.59
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	10	1.59
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	20	1.59
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	20	1.59
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	20	1.59
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	20	1.59
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	20	1.59
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	20	1.59
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	10	1.59
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	10	1.59
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	10	1.59
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	14	1.59
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	14	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	14	1.59
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	7	1.59
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	7	1.59
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	7	1.59
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	13	1.59
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	13	1.59
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	13	1.59
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	15	1.59
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	15	1.59
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	15	1.59
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	6	1.59
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	6	1.59
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	7	1.59
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	7	1.59
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	15	1.59
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	15	1.59
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	15	1.59
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	7	1.59
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	7	1.59
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	7	1.59
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	7	1.59
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	7	1.59
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	7	1.59
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	7	1.59
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	7	1.59
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	7	1.59
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	3	1.59
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	3	1.59
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	3	1.59
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	3	1.59
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	3	1.59
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	3	1.59
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	3	1.59
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	3	1.59
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	3	1.59
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	14	1.59
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	14	1.59
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	14	1.59
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	16	1.59
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	16	1.59
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	16	1.59
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	1	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	1	1.59
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	1	1.59
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	11	1.59
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	11	1.59
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	11	1.59
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	5	1.59
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	5	1.59
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	11	1.59
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	11	1.59
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	16	1.59
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	2	1.59
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	2	1.59
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	2	1.59
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	6	1.59
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	6	1.59
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	6	1.59
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	7	1.59
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	7	1.59
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	7	1.59
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	8	1.59
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	8	1.59
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	8	1.59
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE1	18	1.59
(1,422)	1:866:A:PRO:HB3	1:912:A:PHE:HE2	18	1.59
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	1	1.59
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	1	1.59
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	1	1.59
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	2	1.59
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	2	1.59
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	2	1.59
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	15	1.59
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	15	1.59
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	2	1.59
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	2	1.59
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	2	1.59
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	7	1.59
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	7	1.59
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	7	1.59
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	14	1.59
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	14	1.59
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	14	1.59
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	12	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	12	1.59
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	12	1.59
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	4	1.59
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	4	1.59
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	4	1.59
(1,325)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	15	1.59
(1,325)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	15	1.59
(1,325)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	15	1.59
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	4	1.59
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	4	1.59
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	4	1.59
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	5	1.59
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	5	1.59
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	5	1.59
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	8	1.59
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	8	1.59
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	8	1.59
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	17	1.59
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	17	1.59
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	17	1.59
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	3	1.59
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	3	1.59
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	3	1.59
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	7	1.59
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	7	1.59
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	7	1.59
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	14	1.59
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	14	1.59
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	14	1.59
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	14	1.59
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	17	1.59
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	17	1.59
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	17	1.59
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	14	1.59
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	14	1.59
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	14	1.59
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	14	1.59
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	14	1.59
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	14	1.59
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	14	1.59
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	14	1.59
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	14	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	14	1.59
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	15	1.59
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	15	1.59
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	15	1.59
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	7	1.59
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	7	1.59
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	7	1.59
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	7	1.59
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	7	1.59
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	7	1.59
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	7	1.59
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	7	1.59
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	7	1.59
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	11	1.59
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	11	1.59
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	11	1.59
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	11	1.59
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	11	1.59
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	11	1.59
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	11	1.59
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	11	1.59
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	11	1.59
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	4	1.59
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	4	1.59
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	4	1.59
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	10	1.59
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	10	1.59
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	10	1.59
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	11	1.59
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	11	1.59
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	11	1.59
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	17	1.59
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	17	1.59
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	17	1.59
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	17	1.59
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	17	1.59
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	17	1.59
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	17	1.59
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	17	1.59
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	17	1.59
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	15	1.59
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	15	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	15	1.59
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	19	1.59
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	19	1.59
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	19	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	11	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	11	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	11	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	11	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	11	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	11	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	11	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	11	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	11	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	13	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	13	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	13	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	13	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	13	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	13	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	13	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	13	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	13	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	18	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	18	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	18	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	18	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	18	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	18	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	18	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	18	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	18	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	19	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	19	1.59
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	19	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	19	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	19	1.59
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	19	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	19	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	19	1.59
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	19	1.59
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	15	1.59
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	15	1.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	15	1.59
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	13	1.59
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	11	1.59
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	11	1.59
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	11	1.59
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	13	1.59
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	13	1.59
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	13	1.59
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	5	1.59
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	5	1.59
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	5	1.59
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	15	1.59
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	15	1.59
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	15	1.59
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	6	1.59
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	6	1.59
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	6	1.59
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	6	1.59
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	16	1.59
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	16	1.59
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	16	1.59
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	16	1.59
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	20	1.58
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	20	1.58
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	20	1.58
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	20	1.58
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	2	1.58
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	2	1.58
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	20	1.58
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	20	1.58
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	11	1.58
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	11	1.58
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	12	1.58
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	12	1.58
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	8	1.58
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	8	1.58
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	3	1.58
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	3	1.58
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	15	1.58
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	15	1.58
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	17	1.58
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	17	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	17	1.58
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	17	1.58
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	14	1.58
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	14	1.58
(1,3317)	1:885:A:MET:HB2	1:886:A:LEU:H	6	1.58
(1,3317)	1:885:A:MET:HB3	1:886:A:LEU:H	6	1.58
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	14	1.58
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	14	1.58
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	14	1.58
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	14	1.58
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	13	1.58
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	13	1.58
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	1	1.58
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	1	1.58
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	1	1.58
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	1	1.58
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	3	1.58
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	3	1.58
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	3	1.58
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	3	1.58
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	12	1.58
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	12	1.58
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	17	1.58
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	17	1.58
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	20	1.58
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	20	1.58
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	20	1.58
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	20	1.58
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	20	1.58
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	20	1.58
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	4	1.58
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	4	1.58
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	19	1.58
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	19	1.58
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	15	1.58
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	15	1.58
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	6	1.58
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	6	1.58
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	6	1.58
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	6	1.58
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	18	1.58
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	18	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	18	1.58
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	18	1.58
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	13	1.58
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	13	1.58
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	13	1.58
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	13	1.58
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	13	1.58
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	13	1.58
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	19	1.58
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	19	1.58
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	19	1.58
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	19	1.58
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	19	1.58
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	19	1.58
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	6	1.58
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	6	1.58
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	18	1.58
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	18	1.58
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	18	1.58
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	18	1.58
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	18	1.58
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	18	1.58
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	5	1.58
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	5	1.58
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	20	1.58
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	20	1.58
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	7	1.58
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	7	1.58
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	7	1.58
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	7	1.58
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	7	1.58
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	7	1.58
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	14	1.58
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	14	1.58
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	4	1.58
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	8	1.58
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	12	1.58
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	12	1.58
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	12	1.58
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	10	1.58
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	10	1.58
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	10	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	2	1.58
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	2	1.58
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	2	1.58
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	5	1.58
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	6	1.58
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	10	1.58
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	15	1.58
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	19	1.58
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	14	1.58
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	10	1.58
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	2	1.58
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	5	1.58
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	6	1.58
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	6	1.58
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	6	1.58
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	17	1.58
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	17	1.58
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	17	1.58
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	11	1.58
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	11	1.58
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	11	1.58
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	12	1.58
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	12	1.58
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	12	1.58
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	15	1.58
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	15	1.58
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	15	1.58
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	2	1.58
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	2	1.58
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	2	1.58
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	2	1.58
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	2	1.58
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	2	1.58
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	2	1.58
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	2	1.58
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	2	1.58
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	15	1.58
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	15	1.58
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	15	1.58
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	15	1.58
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	15	1.58
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	15	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	15	1.58
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	15	1.58
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	15	1.58
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	16	1.58
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	16	1.58
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	16	1.58
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	16	1.58
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	16	1.58
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	16	1.58
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	16	1.58
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	16	1.58
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	16	1.58
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	3	1.58
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	3	1.58
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	3	1.58
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	2	1.58
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	2	1.58
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	2	1.58
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	1	1.58
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	1	1.58
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	1	1.58
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	16	1.58
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	16	1.58
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	16	1.58
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	15	1.58
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	15	1.58
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	15	1.58
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	14	1.58
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	14	1.58
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	14	1.58
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	4	1.58
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	4	1.58
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	4	1.58
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	2	1.58
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	2	1.58
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	2	1.58
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	18	1.58
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	18	1.58
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	18	1.58
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	3	1.58
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	3	1.58
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	3	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	7	1.58
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	7	1.58
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	7	1.58
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	18	1.58
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	18	1.58
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	19	1.58
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	20	1.58
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	7	1.58
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	4	1.58
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	6	1.58
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	2	1.58
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	11	1.58
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	16	1.58
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	16	1.58
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	16	1.58
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	16	1.58
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	20	1.58
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	20	1.58
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	7	1.58
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	19	1.58
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	19	1.58
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	19	1.58
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	16	1.58
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	16	1.58
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	16	1.58
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	19	1.58
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	19	1.58
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	19	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	9	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	9	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	9	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	10	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	10	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	10	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	16	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	16	1.58
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	16	1.58
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	15	1.58
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	15	1.58
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	15	1.58
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	3	1.58
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	3	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	3	1.58
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	3	1.58
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	3	1.58
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	3	1.58
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	7	1.58
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	7	1.58
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	7	1.58
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	16	1.58
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	16	1.58
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	16	1.58
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	17	1.58
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	17	1.58
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	17	1.58
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	10	1.58
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	10	1.58
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	10	1.58
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	13	1.58
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	13	1.58
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	9	1.58
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	9	1.58
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	14	1.58
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	14	1.58
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	3	1.58
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	19	1.58
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	19	1.58
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	8	1.58
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	8	1.58
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	7	1.58
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	7	1.58
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	10	1.58
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	10	1.58
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	2	1.58
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	2	1.58
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	3	1.58
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	3	1.58
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	16	1.58
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	16	1.58
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	16	1.58
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	14	1.58
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	14	1.58
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	14	1.58
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	14	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	14	1.58
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	14	1.58
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	14	1.58
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	14	1.58
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	14	1.58
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	14	1.58
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	14	1.58
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	14	1.58
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD1	18	1.58
(1,2364)	1:874:A:LEU:HD21	1:875:A:TYR:HD2	18	1.58
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD1	18	1.58
(1,2364)	1:874:A:LEU:HD22	1:875:A:TYR:HD2	18	1.58
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD1	18	1.58
(1,2364)	1:874:A:LEU:HD23	1:875:A:TYR:HD2	18	1.58
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	17	1.58
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	17	1.58
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	17	1.58
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	17	1.58
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	17	1.58
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	17	1.58
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	15	1.58
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	15	1.58
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	15	1.58
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	20	1.58
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	20	1.58
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	20	1.58
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	20	1.58
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	20	1.58
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	20	1.58
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	16	1.58
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	16	1.58
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	16	1.58
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	16	1.58
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	16	1.58
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	16	1.58
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	14	1.58
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	14	1.58
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	20	1.58
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	20	1.58
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	14	1.58
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	14	1.58
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	14	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	14	1.58
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	20	1.58
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	20	1.58
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	20	1.58
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	20	1.58
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	20	1.58
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	20	1.58
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	7	1.58
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	7	1.58
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	3	1.58
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	3	1.58
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	14	1.58
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	14	1.58
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	19	1.58
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	19	1.58
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	7	1.58
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	7	1.58
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	7	1.58
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	7	1.58
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	7	1.58
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	7	1.58
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	8	1.58
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	14	1.58
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	1	1.58
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	1	1.58
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	1	1.58
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	13	1.58
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	13	1.58
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	13	1.58
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	1	1.58
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	1	1.58
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	1	1.58
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	14	1.58
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	14	1.58
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	14	1.58
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	17	1.58
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	17	1.58
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	17	1.58
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	14	1.58
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	4	1.58
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	4	1.58
(1,2033)	1:909:A:ASN:HB2	1:912:A:PHE:H	14	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2033)	1:909:A:ASN:HB3	1:912:A:PHE:H	14	1.58
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	7	1.58
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	7	1.58
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	1	1.58
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	20	1.58
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	9	1.58
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	9	1.58
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	10	1.58
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	10	1.58
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	13	1.58
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	13	1.58
(1,1858)	1:890:A:SER:H	1:893:A:GLN:HE21	12	1.58
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	11	1.58
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	11	1.58
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	11	1.58
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	18	1.58
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	18	1.58
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	1	1.58
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	5	1.58
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	7	1.58
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	10	1.58
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	17	1.58
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	2	1.58
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	2	1.58
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	15	1.58
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	15	1.58
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	3	1.58
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	3	1.58
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	15	1.58
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	15	1.58
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	9	1.58
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	9	1.58
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	9	1.58
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	2	1.58
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	2	1.58
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	2	1.58
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	16	1.58
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	16	1.58
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	1	1.58
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	1	1.58
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	1	1.58
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	8	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	8	1.58
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	11	1.58
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	11	1.58
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	11	1.58
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	18	1.58
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	18	1.58
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	5	1.58
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	5	1.58
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	5	1.58
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	5	1.58
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	5	1.58
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	11	1.58
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	11	1.58
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	1	1.58
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	1	1.58
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	9	1.58
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	9	1.58
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	16	1.58
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	16	1.58
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	12	1.58
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	12	1.58
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	12	1.58
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	16	1.58
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD13	14	1.58
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD11	14	1.58
(1,1186)	1:828:A:LEU:H	1:831:A:ILE:HD12	14	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	1	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	1	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	1	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	5	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	5	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	5	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	7	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	7	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	7	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	15	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	15	1.58
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	15	1.58
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	13	1.58
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	13	1.58
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	11	1.58
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	12	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	7	1.58
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	7	1.58
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	15	1.58
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	15	1.58
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	16	1.58
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	16	1.58
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	16	1.58
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	7	1.58
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	7	1.58
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	7	1.58
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	4	1.58
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	4	1.58
(1,930)	1:804:A:ASN:H	1:804:A:ASN:HD21	1	1.58
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	13	1.58
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	13	1.58
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	13	1.58
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	3	1.58
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	3	1.58
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	3	1.58
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	5	1.58
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	5	1.58
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	5	1.58
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	13	1.58
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	13	1.58
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	13	1.58
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	17	1.58
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	17	1.58
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	17	1.58
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	19	1.58
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	19	1.58
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	19	1.58
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	19	1.58
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	19	1.58
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	19	1.58
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	19	1.58
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	19	1.58
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	19	1.58
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	6	1.58
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	6	1.58
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	6	1.58
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	7	1.58
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	7	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	7	1.58
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	18	1.58
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	18	1.58
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	18	1.58
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	19	1.58
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	19	1.58
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	10	1.58
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	10	1.58
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	10	1.58
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	17	1.58
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	17	1.58
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	17	1.58
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	6	1.58
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	6	1.58
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	6	1.58
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	20	1.58
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	20	1.58
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	9	1.58
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	9	1.58
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	9	1.58
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	9	1.58
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	9	1.58
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	9	1.58
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	19	1.58
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	19	1.58
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	19	1.58
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	19	1.58
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	19	1.58
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	19	1.58
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	7	1.58
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	7	1.58
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	7	1.58
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	10	1.58
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	10	1.58
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	10	1.58
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	10	1.58
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	10	1.58
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	10	1.58
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	10	1.58
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	10	1.58
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	10	1.58
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	14	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	14	1.58
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	14	1.58
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	14	1.58
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	14	1.58
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	14	1.58
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	14	1.58
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	14	1.58
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	14	1.58
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	5	1.58
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	5	1.58
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	5	1.58
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	16	1.58
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	16	1.58
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	16	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	8	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	8	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	8	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	9	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	9	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	9	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	10	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	10	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	10	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	16	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	16	1.58
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	16	1.58
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	16	1.58
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	3	1.58
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	3	1.58
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	3	1.58
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	3	1.58
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	3	1.58
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	14	1.58
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	14	1.58
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	15	1.58
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	15	1.58
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	15	1.58
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD21	14	1.58
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD22	14	1.58
(1,571)	1:828:A:LEU:HB3	1:829:A:LEU:HD23	14	1.58
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	13	1.58
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	13	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	13	1.58
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	13	1.58
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	13	1.58
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	13	1.58
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	13	1.58
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	13	1.58
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	13	1.58
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	20	1.58
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	20	1.58
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	20	1.58
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	2	1.58
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	2	1.58
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	2	1.58
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	7	1.58
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	7	1.58
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	7	1.58
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	4	1.58
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	4	1.58
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	5	1.58
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	5	1.58
(1,459)	1:870:A:TYR:HD1	1:871:A:GLN:HA	18	1.58
(1,459)	1:870:A:TYR:HD2	1:871:A:GLN:HA	18	1.58
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	14	1.58
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	14	1.58
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	14	1.58
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	16	1.58
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	16	1.58
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	16	1.58
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG21	19	1.58
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG22	19	1.58
(1,446)	1:869:A:VAL:HA	1:869:A:VAL:HG23	19	1.58
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	6	1.58
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	6	1.58
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	6	1.58
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	7	1.58
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	7	1.58
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	7	1.58
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	20	1.58
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	20	1.58
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	20	1.58
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	12	1.58
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	12	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	12	1.58
(1,423)	1:866:A:PRO:HG3	1:907:A:THR:HB	4	1.58
(1,423)	1:866:A:PRO:HG2	1:907:A:THR:HB	4	1.58
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	10	1.58
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	10	1.58
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	7	1.58
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	7	1.58
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	5	1.58
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	5	1.58
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	5	1.58
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	3	1.58
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	3	1.58
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	3	1.58
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	14	1.58
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	14	1.58
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	1	1.58
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	1	1.58
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	1	1.58
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	2	1.58
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	2	1.58
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	2	1.58
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	16	1.58
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	16	1.58
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	16	1.58
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	15	1.58
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	15	1.58
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	15	1.58
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	7	1.58
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	7	1.58
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	14	1.58
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	14	1.58
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	14	1.58
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	4	1.58
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	14	1.58
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	14	1.58
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	14	1.58
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	12	1.58
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	12	1.58
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	9	1.58
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	12	1.58
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	7	1.58
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	7	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	7	1.58
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	16	1.58
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	16	1.58
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	16	1.58
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	19	1.58
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	19	1.58
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	19	1.58
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	1	1.58
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	1	1.58
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	1	1.58
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	18	1.58
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	18	1.58
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	20	1.58
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	20	1.58
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	12	1.58
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	12	1.58
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	12	1.58
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	12	1.58
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	12	1.58
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	12	1.58
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	12	1.58
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	12	1.58
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	12	1.58
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	1	1.58
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	1	1.58
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	1	1.58
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	1	1.58
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	1	1.58
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	1	1.58
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	1	1.58
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	1	1.58
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	1	1.58
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	9	1.58
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	9	1.58
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	9	1.58
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	9	1.58
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	9	1.58
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	9	1.58
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	9	1.58
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	9	1.58
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	9	1.58
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB1	16	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB2	16	1.58
(1,109)	1:812:A:ILE:HG23	1:815:A:ALA:HB3	16	1.58
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB1	16	1.58
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB2	16	1.58
(1,109)	1:812:A:ILE:HG21	1:815:A:ALA:HB3	16	1.58
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB1	16	1.58
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB2	16	1.58
(1,109)	1:812:A:ILE:HG22	1:815:A:ALA:HB3	16	1.58
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	10	1.58
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	10	1.58
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	10	1.58
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	6	1.58
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	6	1.58
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	6	1.58
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	18	1.58
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	18	1.58
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	18	1.58
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	4	1.58
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	4	1.58
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	10	1.58
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	10	1.58
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	20	1.58
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	20	1.58
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	20	1.58
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	16	1.58
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	16	1.58
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	16	1.58
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	8	1.58
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	8	1.58
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	8	1.58
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	13	1.58
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	13	1.58
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	13	1.58
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	20	1.58
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	20	1.58
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	20	1.58
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	7	1.58
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	7	1.58
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	7	1.58
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	10	1.58
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	10	1.58
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	10	1.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	15	1.58
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	15	1.58
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	15	1.58
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	18	1.58
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	18	1.58
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	18	1.58
(1,65)	1:812:A:ILE:HG23	1:812:A:ILE:HG12	20	1.58
(1,65)	1:812:A:ILE:HG21	1:812:A:ILE:HG12	20	1.58
(1,65)	1:812:A:ILE:HG22	1:812:A:ILE:HG12	20	1.58
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	20	1.58
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	20	1.58
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	20	1.58
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	20	1.57
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	20	1.57
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	9	1.57
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	9	1.57
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	16	1.57
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	16	1.57
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	2	1.57
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	2	1.57
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	3	1.57
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	3	1.57
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	12	1.57
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	12	1.57
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	2	1.57
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	2	1.57
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	7	1.57
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	7	1.57
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	9	1.57
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	9	1.57
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	9	1.57
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	9	1.57
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	10	1.57
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	10	1.57
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	10	1.57
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	10	1.57
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	1	1.57
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	1	1.57
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	11	1.57
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	11	1.57
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	6	1.57
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	6	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	6	1.57
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	6	1.57
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	6	1.57
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	6	1.57
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	8	1.57
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	8	1.57
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	8	1.57
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	8	1.57
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	8	1.57
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	8	1.57
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	1	1.57
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	1	1.57
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	1	1.57
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	1	1.57
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	1	1.57
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	1	1.57
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	13	1.57
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	13	1.57
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	13	1.57
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	13	1.57
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	13	1.57
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	13	1.57
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	7	1.57
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	7	1.57
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	3	1.57
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	3	1.57
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	10	1.57
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	10	1.57
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	1	1.57
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	1	1.57
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	1	1.57
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	1	1.57
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	10	1.57
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	10	1.57
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	10	1.57
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	10	1.57
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	9	1.57
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	9	1.57
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	14	1.57
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	14	1.57
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	5	1.57
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	5	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	5	1.57
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	5	1.57
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	5	1.57
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	5	1.57
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	7	1.57
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	7	1.57
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	19	1.57
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	19	1.57
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	19	1.57
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	19	1.57
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	19	1.57
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	19	1.57
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	5	1.57
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	5	1.57
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	5	1.57
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	5	1.57
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	5	1.57
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	5	1.57
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	11	1.57
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	9	1.57
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	9	1.57
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	9	1.57
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	2	1.57
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	2	1.57
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	2	1.57
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	2	1.57
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	6	1.57
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	11	1.57
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	12	1.57
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	1	1.57
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	1	1.57
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	1	1.57
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	19	1.57
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	19	1.57
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	19	1.57
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	16	1.57
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	16	1.57
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	16	1.57
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD21	20	1.57
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD22	20	1.57
(1,2829)	1:841:A:LEU:HD11	1:845:A:LEU:HD23	20	1.57
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD21	20	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD22	20	1.57
(1,2829)	1:841:A:LEU:HD12	1:845:A:LEU:HD23	20	1.57
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD21	20	1.57
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD22	20	1.57
(1,2829)	1:841:A:LEU:HD13	1:845:A:LEU:HD23	20	1.57
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	7	1.57
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	7	1.57
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	7	1.57
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	5	1.57
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	5	1.57
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	5	1.57
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	20	1.57
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	20	1.57
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	20	1.57
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	16	1.57
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	16	1.57
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	11	1.57
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	11	1.57
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	11	1.57
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	13	1.57
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	13	1.57
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	13	1.57
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	11	1.57
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	11	1.57
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	11	1.57
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	3	1.57
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	3	1.57
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	3	1.57
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	9	1.57
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	9	1.57
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	9	1.57
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	13	1.57
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	13	1.57
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	13	1.57
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	12	1.57
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	13	1.57
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	17	1.57
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	19	1.57
(1,2745)	1:875:A:TYR:HA	1:878:A:LYS:HD2	5	1.57
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	13	1.57
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	16	1.57
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	10	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	20	1.57
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	5	1.57
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	5	1.57
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	5	1.57
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	13	1.57
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	13	1.57
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	13	1.57
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	9	1.57
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	9	1.57
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	9	1.57
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	1	1.57
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	1	1.57
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	6	1.57
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	6	1.57
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	6	1.57
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	1	1.57
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	1	1.57
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	1	1.57
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	14	1.57
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	14	1.57
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	14	1.57
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	7	1.57
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	7	1.57
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	7	1.57
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	20	1.57
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	20	1.57
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	20	1.57
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	5	1.57
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	10	1.57
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	18	1.57
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	18	1.57
(1,2568)	1:837:A:LEU:H	1:837:A:LEU:HG	12	1.57
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	16	1.57
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	16	1.57
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	16	1.57
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	4	1.57
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	4	1.57
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	4	1.57
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	18	1.57
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	8	1.57
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	8	1.57
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD2	9	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2492)	1:897:A:ILE:HB	1:901:A:PHE:HD1	9	1.57
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	11	1.57
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	11	1.57
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	7	1.57
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	7	1.57
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	10	1.57
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	10	1.57
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	11	1.57
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	11	1.57
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD2	4	1.57
(1,2396)	1:873:A:LEU:HD11	1:901:A:PHE:HD1	4	1.57
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD2	4	1.57
(1,2396)	1:873:A:LEU:HD12	1:901:A:PHE:HD1	4	1.57
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD2	4	1.57
(1,2396)	1:873:A:LEU:HD13	1:901:A:PHE:HD1	4	1.57
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	7	1.57
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	7	1.57
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	7	1.57
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	8	1.57
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	8	1.57
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	20	1.57
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	20	1.57
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	7	1.57
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	7	1.57
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	7	1.57
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	7	1.57
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	7	1.57
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	7	1.57
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	3	1.57
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	3	1.57
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	16	1.57
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	16	1.57
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	13	1.57
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	13	1.57
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	13	1.57
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	13	1.57
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	3	1.57
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	3	1.57
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	3	1.57
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	3	1.57
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	3	1.57
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	3	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	4	1.57
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	4	1.57
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	4	1.57
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	4	1.57
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	4	1.57
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	4	1.57
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	10	1.57
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	10	1.57
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	10	1.57
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	10	1.57
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	10	1.57
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	10	1.57
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	12	1.57
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	12	1.57
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	12	1.57
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	12	1.57
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	12	1.57
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	12	1.57
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	4	1.57
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	4	1.57
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	4	1.57
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	4	1.57
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	4	1.57
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	4	1.57
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	14	1.57
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	14	1.57
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	20	1.57
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	20	1.57
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	2	1.57
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	2	1.57
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	10	1.57
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	10	1.57
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	10	1.57
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	10	1.57
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	10	1.57
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	10	1.57
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	9	1.57
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	9	1.57
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	9	1.57
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	9	1.57
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	9	1.57
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	9	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	3	1.57
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	3	1.57
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	3	1.57
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	3	1.57
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	11	1.57
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	11	1.57
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	1	1.57
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	12	1.57
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	12	1.57
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	12	1.57
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	20	1.57
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	20	1.57
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	20	1.57
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	15	1.57
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	15	1.57
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	15	1.57
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	19	1.57
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	19	1.57
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	19	1.57
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	5	1.57
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	5	1.57
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	9	1.57
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	9	1.57
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	11	1.57
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	11	1.57
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	12	1.57
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	12	1.57
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE1	16	1.57
(1,2024)	1:909:A:ASN:HD22	1:912:A:PHE:HE2	16	1.57
(1,1910)	1:910:A:ASN:H	1:910:A:ASN:HB2	16	1.57
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	9	1.57
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	9	1.57
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	9	1.57
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	17	1.57
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	17	1.57
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	5	1.57
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	5	1.57
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	9	1.57
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	5	1.57
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	5	1.57
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	17	1.57
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	18	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	18	1.57
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	18	1.57
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	1	1.57
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	2	1.57
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	11	1.57
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	11	1.57
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	4	1.57
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	4	1.57
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	4	1.57
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	8	1.57
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	8	1.57
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	16	1.57
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	16	1.57
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD1	7	1.57
(1,1661)	1:875:A:TYR:H	1:875:A:TYR:HD2	7	1.57
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	3	1.57
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	11	1.57
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	12	1.57
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	15	1.57
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	16	1.57
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	14	1.57
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	14	1.57
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	4	1.57
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	4	1.57
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	4	1.57
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	17	1.57
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	17	1.57
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	17	1.57
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	5	1.57
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	5	1.57
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	17	1.57
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	18	1.57
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	18	1.57
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	15	1.57
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	15	1.57
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	15	1.57
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	6	1.57
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	19	1.57
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	10	1.57
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	11	1.57
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	5	1.57
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	5	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	5	1.57
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	6	1.57
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	6	1.57
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	6	1.57
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	10	1.57
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	10	1.57
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	10	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	1	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	1	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	1	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	4	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	4	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	4	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	5	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	5	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	5	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	9	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	9	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	9	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	18	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	18	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	18	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	19	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	19	1.57
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	19	1.57
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	2	1.57
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	2	1.57
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	16	1.57
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	16	1.57
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	13	1.57
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	13	1.57
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	13	1.57
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	2	1.57
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	2	1.57
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	8	1.57
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	8	1.57
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	11	1.57
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	11	1.57
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	14	1.57
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	14	1.57
(1,1212)	1:828:A:LEU:HD23	1:830:A:ALA:H	20	1.57
(1,1212)	1:828:A:LEU:HD21	1:830:A:ALA:H	20	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1212)	1:828:A:LEU:HD22	1:830:A:ALA:H	20	1.57
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	11	1.57
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	18	1.57
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	18	1.57
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	18	1.57
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	8	1.57
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	8	1.57
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	8	1.57
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	13	1.57
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	14	1.57
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	17	1.57
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	8	1.57
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	16	1.57
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	16	1.57
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	18	1.57
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	18	1.57
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	20	1.57
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	20	1.57
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	5	1.57
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	5	1.57
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	5	1.57
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	8	1.57
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	8	1.57
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	15	1.57
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	15	1.57
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	16	1.57
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	16	1.57
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	16	1.57
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	14	1.57
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	14	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	10	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	10	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	10	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	10	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	10	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	10	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	14	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	14	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	14	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	14	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	14	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	14	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	15	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	15	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	15	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	15	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	15	1.57
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	15	1.57
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	1	1.57
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	1	1.57
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	15	1.57
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	15	1.57
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	15	1.57
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	20	1.57
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	20	1.57
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	20	1.57
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	9	1.57
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	9	1.57
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	9	1.57
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	9	1.57
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	9	1.57
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	9	1.57
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	10	1.57
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	10	1.57
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	10	1.57
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	10	1.57
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	10	1.57
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	10	1.57
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	18	1.57
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	18	1.57
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	18	1.57
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	1	1.57
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	1	1.57
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	1	1.57
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	15	1.57
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	15	1.57
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	15	1.57
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	20	1.57
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	20	1.57
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	20	1.57
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	1	1.57
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	1	1.57
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	1	1.57
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	1	1.57
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	1	1.57
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	3	1.57
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	3	1.57
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	3	1.57
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	3	1.57
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD11	5	1.57
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD12	5	1.57
(1,755)	1:917:A:ILE:HA	1:917:A:ILE:HD13	5	1.57
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	20	1.57
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	20	1.57
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	20	1.57
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	4	1.57
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	4	1.57
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	4	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	8	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	8	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	8	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	8	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	8	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	8	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	10	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	10	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	10	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	10	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	10	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	10	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	13	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	13	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	13	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	13	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	13	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	13	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	16	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	16	1.57
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	16	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	16	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	16	1.57
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	16	1.57
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	1	1.57
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	1	1.57
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	15	1.57
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	15	1.57
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	15	1.57
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	4	1.57
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	4	1.57
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	4	1.57
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	14	1.57
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	14	1.57
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	14	1.57
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	19	1.57
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	19	1.57
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	19	1.57
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	19	1.57
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	19	1.57
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	19	1.57
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	19	1.57
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	19	1.57
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	19	1.57
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	18	1.57
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	8	1.57
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	13	1.57
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	13	1.57
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	13	1.57
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	13	1.57
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	13	1.57
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	13	1.57
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	12	1.57
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	12	1.57
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	12	1.57
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	10	1.57
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	10	1.57
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	10	1.57
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	12	1.57
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	12	1.57
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	12	1.57
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	12	1.57
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	12	1.57
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	12	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	2	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	2	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	2	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	5	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	5	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	5	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	11	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	11	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	11	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	17	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	17	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	17	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	20	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	20	1.57
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	20	1.57
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	18	1.57
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	20	1.57
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	10	1.57
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	10	1.57
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	10	1.57
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	10	1.57
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	10	1.57
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	10	1.57
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	10	1.57
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	10	1.57
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	10	1.57
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	6	1.57
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	6	1.57
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	6	1.57
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	9	1.57
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	9	1.57
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	9	1.57
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	1	1.57
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	1	1.57
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	5	1.57
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	5	1.57
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	5	1.57
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	5	1.57
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	5	1.57
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	5	1.57
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	16	1.57
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	16	1.57
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	7	1.57
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	7	1.57
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	7	1.57
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	3	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	3	1.57
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	3	1.57
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	4	1.57
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	4	1.57
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	4	1.57
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	3	1.57
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	3	1.57
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	3	1.57
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	12	1.57
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	12	1.57
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	12	1.57
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	19	1.57
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	19	1.57
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	19	1.57
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	5	1.57
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	5	1.57
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	5	1.57
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	13	1.57
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	13	1.57
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	1	1.57
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	1	1.57
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	1	1.57
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	8	1.57
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	8	1.57
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	8	1.57
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	4	1.57
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	4	1.57
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	9	1.57
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	9	1.57
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	18	1.57
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	18	1.57
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	13	1.57
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	13	1.57
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	13	1.57
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	1	1.57
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	1	1.57
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	1	1.57
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	15	1.57
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	15	1.57
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	15	1.57
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	6	1.57
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	6	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	6	1.57
(1,319)	1:900:A:LEU:HD23	1:904:A:LEU:H	1	1.57
(1,319)	1:900:A:LEU:HD21	1:904:A:LEU:H	1	1.57
(1,319)	1:900:A:LEU:HD22	1:904:A:LEU:H	1	1.57
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	2	1.57
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	2	1.57
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	2	1.57
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	6	1.57
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	6	1.57
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	6	1.57
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	19	1.57
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	19	1.57
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	19	1.57
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	1	1.57
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	2	1.57
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	1	1.57
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	1	1.57
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	1	1.57
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	9	1.57
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	9	1.57
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	9	1.57
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	9	1.57
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	15	1.57
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	15	1.57
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	15	1.57
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	15	1.57
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	15	1.57
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	15	1.57
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	15	1.57
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	15	1.57
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	15	1.57
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD13	16	1.57
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD11	16	1.57
(1,206)	1:831:A:ILE:HG22	1:831:A:ILE:HD12	16	1.57
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD13	16	1.57
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD11	16	1.57
(1,206)	1:831:A:ILE:HG23	1:831:A:ILE:HD12	16	1.57
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD13	16	1.57
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD11	16	1.57
(1,206)	1:831:A:ILE:HG21	1:831:A:ILE:HD12	16	1.57
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	6	1.57
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	6	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	6	1.57
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	4	1.57
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	4	1.57
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	4	1.57
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	5	1.57
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	5	1.57
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	5	1.57
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	6	1.57
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	6	1.57
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	6	1.57
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	9	1.57
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	9	1.57
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	9	1.57
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	13	1.57
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	13	1.57
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	13	1.57
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	6	1.57
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	12	1.57
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	12	1.57
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	8	1.57
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	8	1.57
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	17	1.57
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	17	1.57
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	17	1.57
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	19	1.57
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	19	1.57
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	19	1.57
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	10	1.57
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	10	1.57
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	10	1.57
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	12	1.57
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	12	1.57
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	12	1.57
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	6	1.57
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	6	1.57
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	6	1.57
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	4	1.57
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	4	1.57
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	4	1.57
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	1	1.57
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	1	1.57
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	11	1.57
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	11	1.57
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	11	1.57
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	11	1.57
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	17	1.56
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	17	1.56
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	17	1.56
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	17	1.56
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	17	1.56
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	17	1.56
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	18	1.56
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	18	1.56
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	17	1.56
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	17	1.56
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	12	1.56
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	12	1.56
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	5	1.56
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	5	1.56
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	5	1.56
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	5	1.56
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	17	1.56
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	17	1.56
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	11	1.56
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	11	1.56
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	1	1.56
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	1	1.56
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	10	1.56
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	10	1.56
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	10	1.56
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	10	1.56
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	5	1.56
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	5	1.56
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	6	1.56
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	6	1.56
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	16	1.56
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	16	1.56
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	5	1.56
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	5	1.56
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	5	1.56
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	5	1.56
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	15	1.56
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	15	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	15	1.56
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	15	1.56
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	20	1.56
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	20	1.56
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	20	1.56
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	20	1.56
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	8	1.56
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	8	1.56
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	2	1.56
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	2	1.56
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	16	1.56
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	16	1.56
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	16	1.56
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	16	1.56
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	16	1.56
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	16	1.56
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	9	1.56
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	9	1.56
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	9	1.56
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	9	1.56
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	9	1.56
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	9	1.56
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	1	1.56
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	1	1.56
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	1	1.56
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	1	1.56
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	1	1.56
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	1	1.56
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	16	1.56
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	16	1.56
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	16	1.56
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	16	1.56
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	16	1.56
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	16	1.56
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	2	1.56
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	2	1.56
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	7	1.56
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	7	1.56
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	7	1.56
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	7	1.56
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	14	1.56
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	14	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	12	1.56
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	12	1.56
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	12	1.56
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	12	1.56
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	12	1.56
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	12	1.56
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	14	1.56
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	14	1.56
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	14	1.56
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	14	1.56
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	14	1.56
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	14	1.56
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	17	1.56
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	17	1.56
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	17	1.56
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	17	1.56
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	17	1.56
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	17	1.56
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE1	20	1.56
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE2	20	1.56
(1,3142)	1:839:A:MET:HB2	1:839:A:MET:HE3	20	1.56
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE1	20	1.56
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE2	20	1.56
(1,3142)	1:839:A:MET:HB3	1:839:A:MET:HE3	20	1.56
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	16	1.56
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	16	1.56
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	17	1.56
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	17	1.56
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	17	1.56
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	17	1.56
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	6	1.56
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	6	1.56
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	3	1.56
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	3	1.56
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	3	1.56
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	3	1.56
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	3	1.56
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	3	1.56
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	18	1.56
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	18	1.56
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	6	1.56
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	6	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	8	1.56
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	8	1.56
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	20	1.56
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	20	1.56
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	8	1.56
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	8	1.56
(1,2982)	1:920:A:LEU:HD21	1:921:A:LYS:H	9	1.56
(1,2982)	1:920:A:LEU:HD22	1:921:A:LYS:H	9	1.56
(1,2982)	1:920:A:LEU:HD23	1:921:A:LYS:H	9	1.56
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	1	1.56
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	20	1.56
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	14	1.56
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	18	1.56
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	3	1.56
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	6	1.56
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	6	1.56
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	6	1.56
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	20	1.56
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	20	1.56
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	20	1.56
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	14	1.56
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	14	1.56
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	14	1.56
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	18	1.56
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	18	1.56
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	18	1.56
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	12	1.56
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	12	1.56
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	12	1.56
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	16	1.56
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	16	1.56
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	16	1.56
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	17	1.56
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	17	1.56
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	17	1.56
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	5	1.56
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	5	1.56
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	5	1.56
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	3	1.56
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	3	1.56
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	3	1.56
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD21	5	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD22	5	1.56
(1,2819)	1:888:A:LEU:HB2	1:888:A:LEU:HD23	5	1.56
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	11	1.56
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	11	1.56
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	11	1.56
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	2	1.56
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	2	1.56
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	2	1.56
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	15	1.56
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	15	1.56
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	15	1.56
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	12	1.56
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	12	1.56
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	12	1.56
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	19	1.56
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	19	1.56
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	19	1.56
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	11	1.56
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	11	1.56
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	11	1.56
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	11	1.56
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	8	1.56
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	20	1.56
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	9	1.56
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	14	1.56
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	14	1.56
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	14	1.56
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	14	1.56
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	14	1.56
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	14	1.56
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	14	1.56
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	14	1.56
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	14	1.56
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	13	1.56
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	16	1.56
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	13	1.56
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	13	1.56
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	13	1.56
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	13	1.56
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	19	1.56
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	19	1.56
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	12	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	19	1.56
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	11	1.56
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	11	1.56
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	11	1.56
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	5	1.56
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	5	1.56
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	5	1.56
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	2	1.56
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	2	1.56
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	2	1.56
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	18	1.56
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	18	1.56
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	18	1.56
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	6	1.56
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	6	1.56
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	6	1.56
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	8	1.56
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	11	1.56
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	8	1.56
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	8	1.56
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	19	1.56
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	19	1.56
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	18	1.56
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	18	1.56
(1,2568)	1:837:A:LEU:H	1:837:A:LEU:HG	9	1.56
(1,2568)	1:837:A:LEU:H	1:837:A:LEU:HG	15	1.56
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	2	1.56
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	2	1.56
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	11	1.56
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	11	1.56
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	20	1.56
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	20	1.56
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	9	1.56
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	9	1.56
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	10	1.56
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	10	1.56
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	10	1.56
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	18	1.56
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	18	1.56
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	18	1.56
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	8	1.56
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	20	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	20	1.56
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	19	1.56
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	19	1.56
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	12	1.56
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	12	1.56
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	20	1.56
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	1	1.56
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	1	1.56
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	8	1.56
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	8	1.56
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	14	1.56
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	14	1.56
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	4	1.56
(1,2428)	1:867:A:SER:HB3	1:911:A:HIS:HD2	8	1.56
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	8	1.56
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	8	1.56
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	18	1.56
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	18	1.56
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	18	1.56
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	6	1.56
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	6	1.56
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	4	1.56
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	4	1.56
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	13	1.56
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	13	1.56
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	13	1.56
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	13	1.56
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	13	1.56
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	13	1.56
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD21	19	1.56
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD22	19	1.56
(1,2369)	1:809:A:PHE:HE2	1:845:A:LEU:HD23	19	1.56
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD21	19	1.56
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD22	19	1.56
(1,2369)	1:809:A:PHE:HE1	1:845:A:LEU:HD23	19	1.56
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG21	3	1.56
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG22	3	1.56
(1,2367)	1:809:A:PHE:HE2	1:813:A:ILE:HG23	3	1.56
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG21	3	1.56
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG22	3	1.56
(1,2367)	1:809:A:PHE:HE1	1:813:A:ILE:HG23	3	1.56
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	20	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	20	1.56
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	20	1.56
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	2	1.56
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	2	1.56
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	2	1.56
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	2	1.56
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	2	1.56
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	2	1.56
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	8	1.56
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	8	1.56
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	8	1.56
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	8	1.56
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	8	1.56
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	8	1.56
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	10	1.56
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	10	1.56
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	10	1.56
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	10	1.56
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	10	1.56
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	10	1.56
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	11	1.56
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	11	1.56
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	11	1.56
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	11	1.56
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	11	1.56
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	11	1.56
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	19	1.56
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	19	1.56
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	19	1.56
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	19	1.56
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	19	1.56
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	19	1.56
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	13	1.56
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	13	1.56
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	13	1.56
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	13	1.56
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	13	1.56
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	13	1.56
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	4	1.56
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	4	1.56
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	6	1.56
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	6	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	9	1.56
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	9	1.56
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	10	1.56
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	10	1.56
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	18	1.56
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	18	1.56
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	18	1.56
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	18	1.56
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	18	1.56
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	18	1.56
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	6	1.56
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	6	1.56
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	8	1.56
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	8	1.56
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	8	1.56
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	8	1.56
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	8	1.56
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	8	1.56
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	8	1.56
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	8	1.56
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	8	1.56
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	8	1.56
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	8	1.56
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	8	1.56
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	15	1.56
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	15	1.56
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	2	1.56
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	15	1.56
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	15	1.56
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	15	1.56
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	11	1.56
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	11	1.56
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	11	1.56
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	11	1.56
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	11	1.56
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	12	1.56
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	12	1.56
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	12	1.56
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	13	1.56
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	13	1.56
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	17	1.56
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	17	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	14	1.56
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	14	1.56
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	11	1.56
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	2	1.56
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	2	1.56
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	6	1.56
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	14	1.56
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	12	1.56
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	9	1.56
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	9	1.56
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	19	1.56
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	19	1.56
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	6	1.56
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	6	1.56
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	15	1.56
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	15	1.56
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	14	1.56
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	14	1.56
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	14	1.56
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	15	1.56
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	15	1.56
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	15	1.56
(1,1743)	1:879:A:ALA:HB1	1:881:A:ARG:H	10	1.56
(1,1743)	1:879:A:ALA:HB2	1:881:A:ARG:H	10	1.56
(1,1743)	1:879:A:ALA:HB3	1:881:A:ARG:H	10	1.56
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	17	1.56
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	17	1.56
(1,1728)	1:880:A:GLU:H	1:881:A:ARG:H	15	1.56
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	19	1.56
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	19	1.56
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	20	1.56
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	20	1.56
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	1	1.56
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	1	1.56
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	8	1.56
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	20	1.56
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	10	1.56
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	10	1.56
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	20	1.56
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	20	1.56
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	20	1.56
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	2	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	2	1.56
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	20	1.56
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	20	1.56
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	4	1.56
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	11	1.56
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	11	1.56
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	15	1.56
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	15	1.56
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	15	1.56
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	3	1.56
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	3	1.56
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	12	1.56
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	12	1.56
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	12	1.56
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	6	1.56
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	6	1.56
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	6	1.56
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	17	1.56
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	17	1.56
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	5	1.56
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	5	1.56
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	5	1.56
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	15	1.56
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	15	1.56
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	15	1.56
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	3	1.56
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	3	1.56
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	3	1.56
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	10	1.56
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	10	1.56
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	10	1.56
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	7	1.56
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	7	1.56
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	12	1.56
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	12	1.56
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	1	1.56
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	1	1.56
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	1	1.56
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	6	1.56
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	6	1.56
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	4	1.56
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	4	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	6	1.56
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	6	1.56
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	7	1.56
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	7	1.56
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	10	1.56
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	10	1.56
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	15	1.56
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	15	1.56
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	11	1.56
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	10	1.56
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	10	1.56
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	10	1.56
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	12	1.56
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	12	1.56
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	12	1.56
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	17	1.56
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	1	1.56
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	1	1.56
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	3	1.56
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	3	1.56
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	3	1.56
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	6	1.56
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	6	1.56
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	6	1.56
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	6	1.56
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	6	1.56
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	6	1.56
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	9	1.56
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	9	1.56
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	9	1.56
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	18	1.56
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	18	1.56
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	18	1.56
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	20	1.56
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	20	1.56
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	20	1.56
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	18	1.56
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	18	1.56
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	2	1.56
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	2	1.56
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	2	1.56
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	2	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	2	1.56
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	2	1.56
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	8	1.56
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	8	1.56
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	8	1.56
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	8	1.56
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	8	1.56
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	8	1.56
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	12	1.56
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	12	1.56
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	12	1.56
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	6	1.56
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	6	1.56
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	6	1.56
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	12	1.56
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	15	1.56
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	18	1.56
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	18	1.56
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	18	1.56
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	18	1.56
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	16	1.56
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	16	1.56
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	16	1.56
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	8	1.56
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	8	1.56
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	8	1.56
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	18	1.56
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	18	1.56
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	18	1.56
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	1	1.56
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	1	1.56
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	1	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	1	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	1	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	1	1.56
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	3	1.56
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	3	1.56
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	3	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	3	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	3	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	3	1.56
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	12	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	12	1.56
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	12	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	12	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	12	1.56
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	12	1.56
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	12	1.56
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	12	1.56
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	12	1.56
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	8	1.56
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	8	1.56
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	8	1.56
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	20	1.56
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	20	1.56
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	20	1.56
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	3	1.56
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	3	1.56
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	3	1.56
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	3	1.56
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	3	1.56
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	3	1.56
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	3	1.56
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	3	1.56
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	3	1.56
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	15	1.56
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	15	1.56
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	15	1.56
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	15	1.56
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	15	1.56
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	15	1.56
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	15	1.56
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	15	1.56
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	15	1.56
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	4	1.56
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	16	1.56
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	7	1.56
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	7	1.56
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	7	1.56
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	11	1.56
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	11	1.56
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	11	1.56
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	13	1.56
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	13	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	13	1.56
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	16	1.56
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	16	1.56
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	16	1.56
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	7	1.56
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	7	1.56
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	7	1.56
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	7	1.56
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	7	1.56
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	7	1.56
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	4	1.56
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	4	1.56
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	4	1.56
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	12	1.56
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	12	1.56
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	12	1.56
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	20	1.56
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	20	1.56
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	9	1.56
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	9	1.56
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	17	1.56
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	17	1.56
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	9	1.56
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	9	1.56
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	9	1.56
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	14	1.56
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	14	1.56
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	14	1.56
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	14	1.56
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	14	1.56
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	14	1.56
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	14	1.56
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	14	1.56
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	14	1.56
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	16	1.56
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	16	1.56
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	16	1.56
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	16	1.56
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	16	1.56
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	16	1.56
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	16	1.56
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	16	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	16	1.56
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	13	1.56
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	8	1.56
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	8	1.56
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	8	1.56
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	1	1.56
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	1	1.56
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	1	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	2	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	2	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	2	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	5	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	5	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	5	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	13	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	13	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	13	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	18	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	18	1.56
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	18	1.56
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	4	1.56
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	4	1.56
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	5	1.56
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	6	1.56
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	6	1.56
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	6	1.56
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	15	1.56
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	15	1.56
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	15	1.56
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	13	1.56
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	13	1.56
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	13	1.56
(1,347)	1:854:A:ILE:HD11	1:873:A:LEU:HG	2	1.56
(1,347)	1:854:A:ILE:HD12	1:873:A:LEU:HG	2	1.56
(1,347)	1:854:A:ILE:HD13	1:873:A:LEU:HG	2	1.56
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	6	1.56
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	6	1.56
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	6	1.56
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	16	1.56
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	16	1.56
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	16	1.56
(1,333)	1:854:A:ILE:HG21	1:896:A:LEU:HA	6	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:854:A:ILE:HG22	1:896:A:LEU:HA	6	1.56
(1,333)	1:854:A:ILE:HG23	1:896:A:LEU:HA	6	1.56
(1,327)	1:854:A:ILE:HG21	1:855:A:GLN:HB2	18	1.56
(1,327)	1:854:A:ILE:HG22	1:855:A:GLN:HB2	18	1.56
(1,327)	1:854:A:ILE:HG23	1:855:A:GLN:HB2	18	1.56
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	9	1.56
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	9	1.56
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	9	1.56
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	12	1.56
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	12	1.56
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	12	1.56
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	1	1.56
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	1	1.56
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	1	1.56
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	1	1.56
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	1	1.56
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	1	1.56
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	9	1.56
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	5	1.56
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	5	1.56
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	5	1.56
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	6	1.56
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	6	1.56
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	6	1.56
(1,225)	1:832:A:THR:HG21	1:837:A:LEU:HA	9	1.56
(1,225)	1:832:A:THR:HG22	1:837:A:LEU:HA	9	1.56
(1,225)	1:832:A:THR:HG23	1:837:A:LEU:HA	9	1.56
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	10	1.56
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	10	1.56
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	10	1.56
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	17	1.56
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	17	1.56
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	17	1.56
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	19	1.56
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	19	1.56
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	19	1.56
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	8	1.56
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	8	1.56
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	8	1.56
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	8	1.56
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	8	1.56
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	8	1.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	8	1.56
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	8	1.56
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	8	1.56
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	2	1.56
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	2	1.56
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	2	1.56
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	10	1.56
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	10	1.56
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	10	1.56
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	6	1.56
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	6	1.56
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	17	1.56
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	14	1.56
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	14	1.56
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	14	1.56
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	5	1.56
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	5	1.56
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	5	1.56
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	5	1.56
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	5	1.56
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	5	1.56
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	11	1.56
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	11	1.56
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	11	1.56
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	16	1.56
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	16	1.56
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	16	1.56
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	7	1.56
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	7	1.56
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	7	1.56
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	7	1.56
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	5	1.55
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	5	1.55
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	5	1.55
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	5	1.55
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	10	1.55
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	10	1.55
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	17	1.55
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	17	1.55
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	20	1.55
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	20	1.55
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	3	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	3	1.55
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	17	1.55
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	17	1.55
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	19	1.55
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	19	1.55
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	1	1.55
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	1	1.55
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	13	1.55
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	13	1.55
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	20	1.55
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	20	1.55
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	4	1.55
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	4	1.55
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	10	1.55
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	10	1.55
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	11	1.55
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	11	1.55
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	2	1.55
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	2	1.55
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	8	1.55
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	8	1.55
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	19	1.55
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	19	1.55
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	1	1.55
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	1	1.55
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	16	1.55
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	16	1.55
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	16	1.55
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	16	1.55
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	17	1.55
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	17	1.55
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	17	1.55
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	17	1.55
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	13	1.55
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	13	1.55
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	13	1.55
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	13	1.55
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	13	1.55
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	13	1.55
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	6	1.55
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	6	1.55
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	6	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	4	1.55
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	4	1.55
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	4	1.55
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	4	1.55
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	4	1.55
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	4	1.55
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	1	1.55
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	1	1.55
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	13	1.55
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	13	1.55
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	5	1.55
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	5	1.55
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	8	1.55
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	8	1.55
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	2	1.55
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	2	1.55
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	2	1.55
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	2	1.55
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	2	1.55
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	2	1.55
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	17	1.55
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	17	1.55
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	1	1.55
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	1	1.55
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	15	1.55
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	15	1.55
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	13	1.55
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	13	1.55
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	14	1.55
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	14	1.55
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	14	1.55
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	14	1.55
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	2	1.55
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	2	1.55
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	17	1.55
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	17	1.55
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	17	1.55
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	17	1.55
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	5	1.55
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	5	1.55
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	5	1.55
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	15	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	15	1.55
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	15	1.55
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	12	1.55
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	11	1.55
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	11	1.55
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	6	1.55
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	2	1.55
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	2	1.55
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	2	1.55
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	12	1.55
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	12	1.55
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	12	1.55
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	12	1.55
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	12	1.55
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	12	1.55
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	18	1.55
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	18	1.55
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	18	1.55
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	4	1.55
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	4	1.55
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	4	1.55
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	8	1.55
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	8	1.55
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	8	1.55
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	20	1.55
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	20	1.55
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	20	1.55
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	17	1.55
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	17	1.55
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	17	1.55
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	18	1.55
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	18	1.55
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	18	1.55
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	15	1.55
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	15	1.55
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	15	1.55
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	7	1.55
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	7	1.55
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	7	1.55
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	18	1.55
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	18	1.55
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	18	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	19	1.55
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	19	1.55
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	19	1.55
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	10	1.55
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	10	1.55
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	10	1.55
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	1	1.55
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	1	1.55
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	1	1.55
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	7	1.55
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	7	1.55
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	7	1.55
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	13	1.55
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	1	1.55
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	15	1.55
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	2	1.55
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	2	1.55
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	20	1.55
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	18	1.55
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	18	1.55
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	18	1.55
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	18	1.55
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	5	1.55
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	5	1.55
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	5	1.55
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	5	1.55
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	18	1.55
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	18	1.55
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	18	1.55
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	18	1.55
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	19	1.55
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	19	1.55
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	19	1.55
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	1	1.55
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	1	1.55
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	1	1.55
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	20	1.55
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	20	1.55
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	20	1.55
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	1	1.55
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	1	1.55
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	1	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	9	1.55
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	9	1.55
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	9	1.55
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	20	1.55
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	20	1.55
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	20	1.55
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	13	1.55
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	13	1.55
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	13	1.55
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	13	1.55
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	13	1.55
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	13	1.55
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	18	1.55
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	18	1.55
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	18	1.55
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	3	1.55
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	20	1.55
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	20	1.55
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	20	1.55
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	2	1.55
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	18	1.55
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	18	1.55
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	15	1.55
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	15	1.55
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	15	1.55
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	11	1.55
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	3	1.55
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	3	1.55
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD2	18	1.55
(1,2493)	1:898:A:GLU:HB2	1:901:A:PHE:HD1	18	1.55
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD2	18	1.55
(1,2493)	1:898:A:GLU:HB3	1:901:A:PHE:HD1	18	1.55
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	12	1.55
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	19	1.55
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD1	9	1.55
(1,2457)	1:871:A:GLN:HA	1:875:A:TYR:HD2	9	1.55
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	14	1.55
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	14	1.55
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	17	1.55
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	17	1.55
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	8	1.55
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	8	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	8	1.55
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	12	1.55
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	12	1.55
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	12	1.55
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	2	1.55
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	2	1.55
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	2	1.55
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	2	1.55
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	2	1.55
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	2	1.55
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	13	1.55
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	13	1.55
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	5	1.55
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	5	1.55
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	14	1.55
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	14	1.55
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	14	1.55
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	14	1.55
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD1	16	1.55
(1,2303)	1:809:A:PHE:HD2	1:840:A:PHE:HD2	16	1.55
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD1	16	1.55
(1,2303)	1:809:A:PHE:HD1	1:840:A:PHE:HD2	16	1.55
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	7	1.55
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	7	1.55
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	8	1.55
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	8	1.55
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	9	1.55
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	9	1.55
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	7	1.55
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	7	1.55
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	19	1.55
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	19	1.55
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	19	1.55
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	19	1.55
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	19	1.55
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	19	1.55
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	1	1.55
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	1	1.55
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	1	1.55
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	1	1.55
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	1	1.55
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	1	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	15	1.55
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	7	1.55
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	7	1.55
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	7	1.55
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	8	1.55
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	8	1.55
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	8	1.55
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	13	1.55
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	13	1.55
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	13	1.55
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	17	1.55
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	17	1.55
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	17	1.55
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	12	1.55
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	12	1.55
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	12	1.55
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	4	1.55
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	4	1.55
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	20	1.55
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	20	1.55
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	10	1.55
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	10	1.55
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	5	1.55
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	5	1.55
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	5	1.55
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	3	1.55
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	2	1.55
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	2	1.55
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	2	1.55
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	6	1.55
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	6	1.55
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	6	1.55
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	13	1.55
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	13	1.55
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	13	1.55
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	14	1.55
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	14	1.55
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	14	1.55
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	5	1.55
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	5	1.55
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	5	1.55
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	15	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	15	1.55
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	18	1.55
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	18	1.55
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	18	1.55
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	7	1.55
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	7	1.55
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	5	1.55
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	8	1.55
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	8	1.55
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	17	1.55
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	17	1.55
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	5	1.55
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	5	1.55
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	5	1.55
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	7	1.55
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	7	1.55
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	7	1.55
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	1	1.55
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	1	1.55
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	1	1.55
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	14	1.55
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	14	1.55
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	14	1.55
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	17	1.55
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	17	1.55
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	9	1.55
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	9	1.55
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	19	1.55
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	16	1.55
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	16	1.55
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	16	1.55
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	16	1.55
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	16	1.55
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	9	1.55
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	9	1.55
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	12	1.55
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	12	1.55
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	13	1.55
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	13	1.55
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	8	1.55
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	8	1.55
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	8	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	10	1.55
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	10	1.55
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	10	1.55
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	10	1.55
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	10	1.55
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	10	1.55
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	6	1.55
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	6	1.55
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	6	1.55
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD21	10	1.55
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD22	10	1.55
(1,1591)	1:870:A:TYR:H	1:904:A:LEU:HD23	10	1.55
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	9	1.55
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	9	1.55
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	9	1.55
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	20	1.55
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	20	1.55
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	20	1.55
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	16	1.55
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	18	1.55
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	6	1.55
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	6	1.55
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	6	1.55
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	12	1.55
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	12	1.55
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	12	1.55
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	8	1.55
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	8	1.55
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	8	1.55
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	6	1.55
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	6	1.55
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	6	1.55
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	8	1.55
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	8	1.55
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	8	1.55
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	6	1.55
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	6	1.55
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	3	1.55
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	3	1.55
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	5	1.55
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	5	1.55
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	13	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	13	1.55
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	17	1.55
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	17	1.55
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	20	1.55
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	20	1.55
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	1	1.55
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	1	1.55
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	1	1.55
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	13	1.55
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	13	1.55
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	13	1.55
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	17	1.55
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	13	1.55
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	13	1.55
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	13	1.55
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	16	1.55
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	16	1.55
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	1	1.55
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	1	1.55
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	1	1.55
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	15	1.55
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	15	1.55
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	15	1.55
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	14	1.55
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	14	1.55
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	14	1.55
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	9	1.55
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	9	1.55
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	9	1.55
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	9	1.55
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	9	1.55
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	9	1.55
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	10	1.55
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	10	1.55
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	10	1.55
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	14	1.55
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	14	1.55
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	14	1.55
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	10	1.55
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	5	1.55
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	5	1.55
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	12	1.55
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	12	1.55
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	12	1.55
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	6	1.55
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	4	1.55
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	4	1.55
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	4	1.55
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	4	1.55
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	4	1.55
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	4	1.55
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	17	1.55
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	17	1.55
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	17	1.55
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	17	1.55
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	17	1.55
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	17	1.55
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	1	1.55
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	1	1.55
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	1	1.55
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	12	1.55
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	12	1.55
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	12	1.55
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	15	1.55
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	15	1.55
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	15	1.55
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	2	1.55
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	19	1.55
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	6	1.55
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	9	1.55
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	9	1.55
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	9	1.55
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	9	1.55
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	9	1.55
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	9	1.55
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	18	1.55
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	18	1.55
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	18	1.55
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	19	1.55
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	19	1.55
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	19	1.55
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	14	1.55
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	14	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	14	1.55
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	15	1.55
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	15	1.55
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	15	1.55
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	17	1.55
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	17	1.55
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	17	1.55
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	9	1.55
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	13	1.55
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	13	1.55
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	13	1.55
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	1	1.55
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	1	1.55
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	1	1.55
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	1	1.55
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	16	1.55
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	16	1.55
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	16	1.55
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	9	1.55
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	9	1.55
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	9	1.55
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	9	1.55
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	9	1.55
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	9	1.55
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	9	1.55
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	9	1.55
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	9	1.55
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	15	1.55
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	15	1.55
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	15	1.55
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	15	1.55
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	15	1.55
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	15	1.55
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	15	1.55
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	15	1.55
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	15	1.55
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	3	1.55
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	3	1.55
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	3	1.55
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	3	1.55
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	3	1.55
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	3	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	3	1.55
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	3	1.55
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	3	1.55
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	13	1.55
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	13	1.55
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	13	1.55
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG22	6	1.55
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG23	6	1.55
(1,537)	1:884:A:MET:HA	1:887:A:THR:HG21	6	1.55
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	17	1.55
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	17	1.55
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	17	1.55
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	6	1.55
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	6	1.55
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	4	1.55
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	4	1.55
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	4	1.55
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	1	1.55
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	1	1.55
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	1	1.55
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	2	1.55
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	2	1.55
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	2	1.55
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	14	1.55
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	14	1.55
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	14	1.55
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	15	1.55
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	15	1.55
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	15	1.55
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	10	1.55
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	10	1.55
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	10	1.55
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	9	1.55
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	9	1.55
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	20	1.55
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	20	1.55
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	3	1.55
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	3	1.55
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	3	1.55
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	1	1.55
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	1	1.55
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	1	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	4	1.55
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	4	1.55
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	4	1.55
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	10	1.55
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	10	1.55
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	10	1.55
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	12	1.55
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	12	1.55
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	12	1.55
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	12	1.55
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	12	1.55
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	12	1.55
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	18	1.55
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	18	1.55
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	18	1.55
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	1	1.55
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	1	1.55
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	1	1.55
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	15	1.55
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	16	1.55
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	16	1.55
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	16	1.55
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	16	1.55
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	16	1.55
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	16	1.55
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	17	1.55
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	17	1.55
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	17	1.55
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	20	1.55
(1,237)	1:834:A:PRO:HA	1:872:A:HIS:HA	16	1.55
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	19	1.55
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	19	1.55
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	19	1.55
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	19	1.55
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	19	1.55
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	19	1.55
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	19	1.55
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	19	1.55
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	19	1.55
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	9	1.55
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	9	1.55
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	9	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	18	1.55
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	18	1.55
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	18	1.55
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	1	1.55
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	1	1.55
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	1	1.55
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	20	1.55
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	20	1.55
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	20	1.55
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	7	1.55
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	7	1.55
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	7	1.55
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	7	1.55
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	7	1.55
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	10	1.55
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	10	1.55
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	10	1.55
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	5	1.55
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	5	1.55
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	5	1.55
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	10	1.55
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	10	1.55
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	10	1.55
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	14	1.55
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	14	1.55
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	14	1.55
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	20	1.55
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	20	1.55
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	20	1.55
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	7	1.54
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	7	1.54
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	18	1.54
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	18	1.54
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	2	1.54
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	2	1.54
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	2	1.54
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	2	1.54
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	2	1.54
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	2	1.54
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD1	6	1.54
(1,3365)	1:911:A:HIS:HB2	1:912:A:PHE:HD2	6	1.54
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	6	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3365)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	6	1.54
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	10	1.54
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	10	1.54
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	2	1.54
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	2	1.54
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	12	1.54
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	12	1.54
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	6	1.54
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	6	1.54
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	7	1.54
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	7	1.54
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	2	1.54
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	2	1.54
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	15	1.54
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	15	1.54
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	16	1.54
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	16	1.54
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	4	1.54
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	4	1.54
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	12	1.54
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	12	1.54
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	10	1.54
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	10	1.54
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	1	1.54
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	1	1.54
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	1	1.54
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	1	1.54
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	8	1.54
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	8	1.54
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	2	1.54
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	2	1.54
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	8	1.54
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	8	1.54
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	8	1.54
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	8	1.54
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	13	1.54
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	13	1.54
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	13	1.54
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	13	1.54
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	19	1.54
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	19	1.54
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	19	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	19	1.54
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	5	1.54
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	5	1.54
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	5	1.54
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	5	1.54
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	4	1.54
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	4	1.54
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	10	1.54
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	10	1.54
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	17	1.54
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	17	1.54
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	19	1.54
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	19	1.54
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	19	1.54
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG11	8	1.54
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG12	8	1.54
(1,3219)	1:857:A:LEU:HB3	1:869:A:VAL:HG13	8	1.54
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	8	1.54
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	8	1.54
(1,3219)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	8	1.54
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	17	1.54
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	17	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	3	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	3	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	3	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	3	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	3	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	3	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	5	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	5	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	5	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	5	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	5	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	5	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	10	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	10	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	10	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	10	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	10	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	10	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	11	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	11	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	11	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	11	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	11	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	11	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	12	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	12	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	12	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	12	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	12	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	12	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	18	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	18	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	18	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	18	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	18	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	18	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	19	1.54
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	19	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	19	1.54
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	19	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	19	1.54
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	19	1.54
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	13	1.54
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	13	1.54
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	15	1.54
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	15	1.54
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	15	1.54
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	15	1.54
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	8	1.54
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	8	1.54
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	8	1.54
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	8	1.54
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	8	1.54
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	8	1.54
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	8	1.54
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	8	1.54
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	16	1.54
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	16	1.54
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	16	1.54
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	16	1.54
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	16	1.54
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	16	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	20	1.54
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	20	1.54
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	20	1.54
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	20	1.54
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	20	1.54
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	20	1.54
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	20	1.54
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	20	1.54
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	5	1.54
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	5	1.54
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	6	1.54
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	6	1.54
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	19	1.54
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	19	1.54
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	16	1.54
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	16	1.54
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	1	1.54
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	11	1.54
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	11	1.54
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	16	1.54
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	16	1.54
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	1	1.54
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	1	1.54
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	1	1.54
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	20	1.54
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	20	1.54
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	20	1.54
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	8	1.54
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	8	1.54
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	8	1.54
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	5	1.54
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	5	1.54
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	5	1.54
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	19	1.54
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	2	1.54
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	2	1.54
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	2	1.54
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	3	1.54
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	3	1.54
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	3	1.54
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	6	1.54
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	6	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	6	1.54
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	7	1.54
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	7	1.54
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	7	1.54
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD11	13	1.54
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD12	13	1.54
(1,2881)	1:920:A:LEU:HA	1:920:A:LEU:HD13	13	1.54
(1,2862)	1:897:A:ILE:HG21	1:924:A:TYR:HB3	18	1.54
(1,2862)	1:897:A:ILE:HG22	1:924:A:TYR:HB3	18	1.54
(1,2862)	1:897:A:ILE:HG23	1:924:A:TYR:HB3	18	1.54
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	4	1.54
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	4	1.54
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	4	1.54
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	6	1.54
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	6	1.54
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	6	1.54
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	18	1.54
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	18	1.54
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	18	1.54
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	10	1.54
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	6	1.54
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	6	1.54
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	6	1.54
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	1	1.54
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	1	1.54
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	1	1.54
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	2	1.54
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	2	1.54
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD11	17	1.54
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD12	17	1.54
(1,2779)	1:898:A:GLU:HA	1:926:A:LEU:HD13	17	1.54
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD21	13	1.54
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD22	13	1.54
(1,2774)	1:885:A:MET:HA	1:888:A:LEU:HD23	13	1.54
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	16	1.54
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	16	1.54
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	16	1.54
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	3	1.54
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	10	1.54
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	8	1.54
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	9	1.54
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	15	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	17	1.54
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB2	11	1.54
(1,2735)	1:857:A:LEU:HA	1:861:A:LEU:HB3	11	1.54
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	2	1.54
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	10	1.54
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	11	1.54
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	19	1.54
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	11	1.54
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	19	1.54
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	20	1.54
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	17	1.54
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	4	1.54
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	4	1.54
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	4	1.54
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	4	1.54
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	4	1.54
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	4	1.54
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	4	1.54
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	10	1.54
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	10	1.54
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	10	1.54
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	10	1.54
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	10	1.54
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	10	1.54
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	17	1.54
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	17	1.54
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	17	1.54
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	17	1.54
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	17	1.54
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	17	1.54
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	3	1.54
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	3	1.54
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	3	1.54
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	10	1.54
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	10	1.54
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	10	1.54
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	19	1.54
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	19	1.54
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	19	1.54
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	19	1.54
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	19	1.54
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	19	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	8	1.54
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	8	1.54
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	8	1.54
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	10	1.54
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	10	1.54
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	10	1.54
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	5	1.54
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	5	1.54
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	5	1.54
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	9	1.54
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	9	1.54
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	9	1.54
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	12	1.54
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	12	1.54
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	12	1.54
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	12	1.54
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	19	1.54
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	2	1.54
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	2	1.54
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	17	1.54
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	17	1.54
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	6	1.54
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	6	1.54
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	6	1.54
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	12	1.54
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	12	1.54
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	4	1.54
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	5	1.54
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	11	1.54
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	20	1.54
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	20	1.54
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	1	1.54
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	1	1.54
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	5	1.54
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	15	1.54
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	17	1.54
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	10	1.54
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	10	1.54
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	18	1.54
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	18	1.54
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	10	1.54
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	10	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	6	1.54
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	6	1.54
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	19	1.54
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	19	1.54
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	15	1.54
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	15	1.54
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	15	1.54
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	15	1.54
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	15	1.54
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	15	1.54
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	4	1.54
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	4	1.54
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	9	1.54
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	9	1.54
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	12	1.54
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	12	1.54
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	18	1.54
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	18	1.54
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	3	1.54
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	3	1.54
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	3	1.54
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	3	1.54
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	3	1.54
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	3	1.54
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	19	1.54
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	19	1.54
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	19	1.54
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	19	1.54
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	19	1.54
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	19	1.54
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	13	1.54
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	13	1.54
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	13	1.54
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	13	1.54
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	13	1.54
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	13	1.54
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	14	1.54
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	14	1.54
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	14	1.54
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	14	1.54
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	14	1.54
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	14	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD11	15	1.54
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD12	15	1.54
(1,2353)	1:809:A:PHE:HE2	1:828:A:LEU:HD13	15	1.54
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD11	15	1.54
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD12	15	1.54
(1,2353)	1:809:A:PHE:HE1	1:828:A:LEU:HD13	15	1.54
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	19	1.54
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	19	1.54
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	19	1.54
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	19	1.54
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	19	1.54
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	19	1.54
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	20	1.54
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	20	1.54
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	20	1.54
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	20	1.54
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	20	1.54
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	20	1.54
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	18	1.54
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	18	1.54
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	18	1.54
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	18	1.54
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	18	1.54
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	18	1.54
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	6	1.54
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	6	1.54
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	7	1.54
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	7	1.54
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	19	1.54
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	19	1.54
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	19	1.54
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	19	1.54
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	20	1.54
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	20	1.54
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	20	1.54
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	20	1.54
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	20	1.54
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	20	1.54
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	18	1.54
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	18	1.54
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	11	1.54
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	11	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	11	1.54
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	11	1.54
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	8	1.54
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	8	1.54
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	14	1.54
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	14	1.54
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	5	1.54
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	5	1.54
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	5	1.54
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	5	1.54
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	5	1.54
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	5	1.54
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	7	1.54
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	7	1.54
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	7	1.54
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	7	1.54
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	7	1.54
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	7	1.54
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	13	1.54
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	13	1.54
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	13	1.54
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	13	1.54
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	13	1.54
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	13	1.54
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	4	1.54
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	4	1.54
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	3	1.54
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	3	1.54
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	3	1.54
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	3	1.54
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	3	1.54
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	3	1.54
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	19	1.54
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	19	1.54
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	19	1.54
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	19	1.54
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	19	1.54
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	19	1.54
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	4	1.54
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	8	1.54
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	8	1.54
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	8	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	3	1.54
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	3	1.54
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	3	1.54
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	9	1.54
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	9	1.54
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	9	1.54
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	15	1.54
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	3	1.54
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	3	1.54
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	10	1.54
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	10	1.54
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	2	1.54
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	2	1.54
(1,2113)	1:918:A:GLN:HA	1:918:A:GLN:HE21	17	1.54
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	6	1.54
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	6	1.54
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	1	1.54
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	1	1.54
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	8	1.54
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	8	1.54
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	13	1.54
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	13	1.54
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	13	1.54
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	4	1.54
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	4	1.54
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	4	1.54
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	14	1.54
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	18	1.54
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	20	1.54
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	20	1.54
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	2	1.54
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	2	1.54
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	10	1.54
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	10	1.54
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	12	1.54
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	12	1.54
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	2	1.54
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	2	1.54
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	8	1.54
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	8	1.54
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	10	1.54
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	10	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	13	1.54
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	13	1.54
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	13	1.54
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	19	1.54
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	19	1.54
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	19	1.54
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	3	1.54
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	3	1.54
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	10	1.54
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	10	1.54
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	15	1.54
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	15	1.54
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	2	1.54
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	6	1.54
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	16	1.54
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	19	1.54
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	19	1.54
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	13	1.54
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	13	1.54
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	7	1.54
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	7	1.54
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	17	1.54
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	17	1.54
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	17	1.54
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	1	1.54
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	1	1.54
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	1	1.54
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	14	1.54
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	14	1.54
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	14	1.54
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	6	1.54
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	6	1.54
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	9	1.54
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	5	1.54
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	5	1.54
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	5	1.54
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	10	1.54
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	10	1.54
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	10	1.54
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	18	1.54
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	18	1.54
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	18	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	19	1.54
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	19	1.54
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	19	1.54
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	11	1.54
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	11	1.54
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	11	1.54
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	20	1.54
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	10	1.54
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	5	1.54
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	10	1.54
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	10	1.54
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	10	1.54
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	5	1.54
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	20	1.54
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	13	1.54
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	18	1.54
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	18	1.54
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	18	1.54
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	10	1.54
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	10	1.54
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	10	1.54
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	16	1.54
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	16	1.54
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	16	1.54
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	14	1.54
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	14	1.54
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	9	1.54
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	9	1.54
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	9	1.54
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	15	1.54
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	15	1.54
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	15	1.54
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	1	1.54
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	1	1.54
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	18	1.54
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	18	1.54
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	3	1.54
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	3	1.54
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	3	1.54
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	2	1.54
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	2	1.54
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	11	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	11	1.54
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	8	1.54
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	8	1.54
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	15	1.54
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	15	1.54
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	6	1.54
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	6	1.54
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	6	1.54
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	6	1.54
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	6	1.54
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	6	1.54
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD2	19	1.54
(1,1240)	1:833:A:ALA:H	1:834:A:PRO:HD3	19	1.54
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	7	1.54
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	7	1.54
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	7	1.54
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	4	1.54
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	19	1.54
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	3	1.54
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	3	1.54
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	3	1.54
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	8	1.54
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	8	1.54
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	8	1.54
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	1	1.54
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	1	1.54
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	11	1.54
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	11	1.54
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	6	1.54
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	6	1.54
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	6	1.54
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	6	1.54
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	6	1.54
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	2	1.54
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	2	1.54
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	2	1.54
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	7	1.54
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	7	1.54
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	7	1.54
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	7	1.54
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	7	1.54
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	7	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	12	1.54
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	12	1.54
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	12	1.54
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	14	1.54
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	14	1.54
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	14	1.54
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	16	1.54
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	16	1.54
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	16	1.54
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	3	1.54
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	3	1.54
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	3	1.54
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	16	1.54
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	16	1.54
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	16	1.54
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	14	1.54
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	14	1.54
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	14	1.54
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD11	14	1.54
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD12	14	1.54
(1,817)	1:924:A:TYR:HB3	1:926:A:LEU:HD13	14	1.54
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	8	1.54
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	8	1.54
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	8	1.54
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	8	1.54
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	8	1.54
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	8	1.54
(1,808)	1:897:A:ILE:HG21	1:924:A:TYR:HB2	13	1.54
(1,808)	1:897:A:ILE:HG22	1:924:A:TYR:HB2	13	1.54
(1,808)	1:897:A:ILE:HG23	1:924:A:TYR:HB2	13	1.54
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	9	1.54
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	9	1.54
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	9	1.54
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	11	1.54
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	11	1.54
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	11	1.54
(1,798)	1:920:A:LEU:HA	1:923:A:GLN:HG2	1	1.54
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	18	1.54
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	18	1.54
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	5	1.54
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	5	1.54
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	5	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	7	1.54
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	7	1.54
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	7	1.54
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	10	1.54
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	10	1.54
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	10	1.54
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	15	1.54
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	15	1.54
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	15	1.54
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	11	1.54
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	11	1.54
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	11	1.54
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	11	1.54
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	11	1.54
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	11	1.54
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	15	1.54
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	15	1.54
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	15	1.54
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	15	1.54
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	15	1.54
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	15	1.54
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	2	1.54
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	2	1.54
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	2	1.54
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	3	1.54
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	3	1.54
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	3	1.54
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	10	1.54
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	3	1.54
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	3	1.54
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	3	1.54
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD11	6	1.54
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD12	6	1.54
(1,661)	1:889:A:ILE:HD12	1:897:A:ILE:HD13	6	1.54
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD11	6	1.54
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD12	6	1.54
(1,661)	1:889:A:ILE:HD13	1:897:A:ILE:HD13	6	1.54
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD11	6	1.54
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD12	6	1.54
(1,661)	1:889:A:ILE:HD11	1:897:A:ILE:HD13	6	1.54
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	6	1.54
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	6	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	6	1.54
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	19	1.54
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	19	1.54
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	19	1.54
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	8	1.54
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	8	1.54
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	14	1.54
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	14	1.54
(1,595)	1:889:A:ILE:HG21	1:897:A:ILE:HG13	6	1.54
(1,595)	1:889:A:ILE:HG22	1:897:A:ILE:HG13	6	1.54
(1,595)	1:889:A:ILE:HG23	1:897:A:ILE:HG13	6	1.54
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	8	1.54
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	8	1.54
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	8	1.54
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	8	1.54
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	8	1.54
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	8	1.54
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	8	1.54
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	8	1.54
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	8	1.54
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	3	1.54
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	8	1.54
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	8	1.54
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	8	1.54
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB1	17	1.54
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB2	17	1.54
(1,518)	1:841:A:LEU:HB2	1:879:A:ALA:HB3	17	1.54
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	7	1.54
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	7	1.54
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	8	1.54
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	8	1.54
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	14	1.54
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	14	1.54
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	14	1.54
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	14	1.54
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	14	1.54
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	14	1.54
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	11	1.54
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	11	1.54
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	11	1.54
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	19	1.54
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	19	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	19	1.54
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	1	1.54
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	1	1.54
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	1	1.54
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	11	1.54
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	11	1.54
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	11	1.54
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	9	1.54
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	9	1.54
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	9	1.54
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	19	1.54
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	19	1.54
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	7	1.54
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	7	1.54
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	7	1.54
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	8	1.54
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	16	1.54
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	20	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	5	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	5	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	5	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	11	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	11	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	11	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	14	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	14	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	14	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	19	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	19	1.54
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	19	1.54
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	1	1.54
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	1	1.54
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	1	1.54
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	12	1.54
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	12	1.54
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	12	1.54
(1,323)	1:854:A:ILE:HG21	1:897:A:ILE:HG12	15	1.54
(1,323)	1:854:A:ILE:HG22	1:897:A:ILE:HG12	15	1.54
(1,323)	1:854:A:ILE:HG23	1:897:A:ILE:HG12	15	1.54
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	10	1.54
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	1	1.54
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	1	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	1	1.54
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	2	1.54
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	2	1.54
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	2	1.54
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG22	6	1.54
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG23	6	1.54
(1,201)	1:830:A:ALA:HB1	1:831:A:ILE:HG21	6	1.54
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG22	6	1.54
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG23	6	1.54
(1,201)	1:830:A:ALA:HB2	1:831:A:ILE:HG21	6	1.54
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG22	6	1.54
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG23	6	1.54
(1,201)	1:830:A:ALA:HB3	1:831:A:ILE:HG21	6	1.54
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	1	1.54
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	1	1.54
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	1	1.54
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	10	1.54
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	10	1.54
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	10	1.54
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	3	1.54
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	3	1.54
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	3	1.54
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	18	1.54
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	18	1.54
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	18	1.54
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	3	1.54
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	3	1.54
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	3	1.54
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	7	1.54
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	7	1.54
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	7	1.54
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	14	1.54
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	14	1.54
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	14	1.54
(1,146)	1:816:A:LEU:HD12	1:824:A:ALA:HA	18	1.54
(1,146)	1:816:A:LEU:HD13	1:824:A:ALA:HA	18	1.54
(1,146)	1:816:A:LEU:HD11	1:824:A:ALA:HA	18	1.54
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	11	1.54
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	11	1.54
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	9	1.54
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	10	1.54
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	10	1.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	10	1.54
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	2	1.54
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	2	1.54
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	2	1.54
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	20	1.54
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	20	1.54
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	16	1.54
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	16	1.54
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	16	1.54
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	16	1.54
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	16	1.54
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	16	1.54
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	17	1.54
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	17	1.54
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	17	1.54
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	17	1.54
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	17	1.54
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	17	1.54
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	20	1.54
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	20	1.54
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	20	1.54
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	3	1.54
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	3	1.54
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	3	1.54
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	15	1.54
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	15	1.54
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	15	1.54
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	15	1.54
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	6	1.54
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	6	1.54
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	9	1.54
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	9	1.54
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	9	1.54
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	1	1.53
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	1	1.53
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	4	1.53
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	4	1.53
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	3	1.53
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	3	1.53
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	3	1.53
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	3	1.53
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	3	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	3	1.53
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	17	1.53
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	17	1.53
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	1	1.53
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	1	1.53
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	5	1.53
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	5	1.53
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	1	1.53
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	1	1.53
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	9	1.53
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	9	1.53
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	15	1.53
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	15	1.53
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	10	1.53
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	10	1.53
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	6	1.53
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	6	1.53
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	6	1.53
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	6	1.53
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	14	1.53
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	14	1.53
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	14	1.53
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	14	1.53
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	9	1.53
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	9	1.53
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	7	1.53
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	7	1.53
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	12	1.53
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	12	1.53
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	17	1.53
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	17	1.53
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	17	1.53
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	17	1.53
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	17	1.53
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	17	1.53
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	14	1.53
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	14	1.53
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	14	1.53
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	3	1.53
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	3	1.53
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	17	1.53
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	17	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	17	1.53
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	17	1.53
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	17	1.53
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	17	1.53
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	12	1.53
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	12	1.53
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	3	1.53
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	3	1.53
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	3	1.53
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	3	1.53
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	3	1.53
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	3	1.53
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	11	1.53
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	11	1.53
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	11	1.53
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	11	1.53
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	11	1.53
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	11	1.53
(1,3127)	1:836:A:ASP:HB2	1:840:A:PHE:H	9	1.53
(1,3127)	1:836:A:ASP:HB3	1:840:A:PHE:H	9	1.53
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	11	1.53
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	11	1.53
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	11	1.53
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	11	1.53
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	11	1.53
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	11	1.53
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB2	11	1.53
(1,3071)	1:810:A:GLY:H	1:844:A:LYS:HB3	11	1.53
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	10	1.53
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	10	1.53
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	14	1.53
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	14	1.53
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	8	1.53
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	8	1.53
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	13	1.53
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	13	1.53
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	13	1.53
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	14	1.53
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	14	1.53
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	14	1.53
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	9	1.53
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	6	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	6	1.53
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	5	1.53
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	17	1.53
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	18	1.53
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	17	1.53
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	17	1.53
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	17	1.53
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	19	1.53
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	19	1.53
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	19	1.53
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	3	1.53
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	3	1.53
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	3	1.53
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	20	1.53
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	20	1.53
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	20	1.53
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	2	1.53
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	2	1.53
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	2	1.53
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	11	1.53
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	11	1.53
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	5	1.53
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	7	1.53
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	8	1.53
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	10	1.53
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	18	1.53
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	19	1.53
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	20	1.53
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	5	1.53
(1,2731)	1:901:A:PHE:HA	1:904:A:LEU:HB2	18	1.53
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	5	1.53
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	4	1.53
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	11	1.53
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	11	1.53
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	11	1.53
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	11	1.53
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	11	1.53
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	11	1.53
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	14	1.53
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	7	1.53
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	7	1.53
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	13	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	13	1.53
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	18	1.53
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	18	1.53
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	18	1.53
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	18	1.53
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	18	1.53
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	18	1.53
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	11	1.53
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	11	1.53
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	11	1.53
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	11	1.53
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	11	1.53
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	11	1.53
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	2	1.53
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	2	1.53
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	2	1.53
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	10	1.53
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	10	1.53
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	10	1.53
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	13	1.53
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	13	1.53
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	13	1.53
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	1	1.53
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	1	1.53
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	1	1.53
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	1	1.53
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	1	1.53
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	1	1.53
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	11	1.53
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	11	1.53
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	11	1.53
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	10	1.53
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	10	1.53
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	9	1.53
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	9	1.53
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	11	1.53
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	11	1.53
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	20	1.53
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	20	1.53
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	20	1.53
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	19	1.53
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	19	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	14	1.53
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	14	1.53
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	14	1.53
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	14	1.53
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	11	1.53
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	11	1.53
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	16	1.53
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	16	1.53
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	16	1.53
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	1	1.53
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	14	1.53
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	19	1.53
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	8	1.53
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	8	1.53
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	20	1.53
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	20	1.53
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	16	1.53
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	16	1.53
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	18	1.53
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	18	1.53
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	13	1.53
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	13	1.53
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	6	1.53
(1,2477)	1:870:A:TYR:HE2	1:912:A:PHE:HB2	6	1.53
(1,2477)	1:870:A:TYR:HE1	1:912:A:PHE:HB2	6	1.53
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	9	1.53
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	9	1.53
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	13	1.53
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	13	1.53
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	12	1.53
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	12	1.53
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	3	1.53
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	3	1.53
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	3	1.53
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	9	1.53
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	9	1.53
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	10	1.53
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	10	1.53
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	10	1.53
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	10	1.53
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	10	1.53
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	10	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	8	1.53
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	8	1.53
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	8	1.53
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	8	1.53
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	8	1.53
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	2	1.53
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	2	1.53
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	3	1.53
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	3	1.53
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	3	1.53
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	3	1.53
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	3	1.53
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	3	1.53
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	16	1.53
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	16	1.53
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	16	1.53
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	16	1.53
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	16	1.53
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	16	1.53
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	1	1.53
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	1	1.53
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	15	1.53
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	15	1.53
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	2	1.53
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	2	1.53
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	2	1.53
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	2	1.53
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	2	1.53
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	2	1.53
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	10	1.53
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	10	1.53
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	3	1.53
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	3	1.53
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	3	1.53
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	3	1.53
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	3	1.53
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	3	1.53
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	10	1.53
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	10	1.53
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	17	1.53
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	17	1.53
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	5	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	16	1.53
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	16	1.53
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	16	1.53
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	18	1.53
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	18	1.53
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	18	1.53
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	18	1.53
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	18	1.53
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	18	1.53
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	7	1.53
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	7	1.53
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	4	1.53
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	4	1.53
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	14	1.53
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	14	1.53
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	16	1.53
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	16	1.53
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	15	1.53
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	15	1.53
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	15	1.53
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	16	1.53
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	16	1.53
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	16	1.53
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	1	1.53
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	1	1.53
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	2	1.53
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	2	1.53
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	13	1.53
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	13	1.53
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	11	1.53
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	11	1.53
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	11	1.53
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	13	1.53
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	13	1.53
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	13	1.53
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	7	1.53
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	9	1.53
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	13	1.53
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	20	1.53
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	9	1.53
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	9	1.53
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	9	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	12	1.53
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	12	1.53
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	12	1.53
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	7	1.53
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	7	1.53
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	9	1.53
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	9	1.53
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	12	1.53
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	12	1.53
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	18	1.53
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	18	1.53
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	18	1.53
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	8	1.53
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	8	1.53
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	15	1.53
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	15	1.53
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	15	1.53
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	17	1.53
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	17	1.53
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	3	1.53
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	5	1.53
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	7	1.53
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	13	1.53
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	18	1.53
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	19	1.53
(1,1655)	1:874:A:LEU:HB3	1:875:A:TYR:H	8	1.53
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	12	1.53
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	12	1.53
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	7	1.53
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	7	1.53
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	10	1.53
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	10	1.53
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	11	1.53
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	8	1.53
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	8	1.53
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	8	1.53
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	15	1.53
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	15	1.53
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	15	1.53
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	12	1.53
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	12	1.53
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	14	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	14	1.53
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	20	1.53
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	20	1.53
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	17	1.53
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	17	1.53
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	2	1.53
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	11	1.53
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	11	1.53
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	11	1.53
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	11	1.53
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	11	1.53
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	11	1.53
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	8	1.53
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	8	1.53
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	8	1.53
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	7	1.53
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	7	1.53
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	7	1.53
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	20	1.53
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	9	1.53
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	9	1.53
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	8	1.53
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	8	1.53
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	8	1.53
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	8	1.53
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	8	1.53
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	8	1.53
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	10	1.53
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	10	1.53
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	10	1.53
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	17	1.53
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	17	1.53
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	19	1.53
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	19	1.53
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	11	1.53
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	11	1.53
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	3	1.53
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	3	1.53
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	3	1.53
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	3	1.53
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	3	1.53
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	3	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	13	1.53
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	16	1.53
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	2	1.53
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	2	1.53
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	2	1.53
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	16	1.53
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	16	1.53
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	16	1.53
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	3	1.53
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	9	1.53
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	9	1.53
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	8	1.53
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	8	1.53
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	8	1.53
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	4	1.53
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	10	1.53
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	10	1.53
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	18	1.53
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	18	1.53
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	18	1.53
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	18	1.53
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	18	1.53
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	18	1.53
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	18	1.53
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	18	1.53
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	13	1.53
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	13	1.53
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	13	1.53
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	17	1.53
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	17	1.53
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	17	1.53
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	3	1.53
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	3	1.53
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	3	1.53
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	20	1.53
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	20	1.53
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	20	1.53
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	15	1.53
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	15	1.53
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	15	1.53
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	16	1.53
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	16	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	16	1.53
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	1	1.53
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	1	1.53
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	1	1.53
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	2	1.53
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	2	1.53
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	2	1.53
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	7	1.53
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	7	1.53
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	7	1.53
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	14	1.53
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	14	1.53
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	14	1.53
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	11	1.53
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	11	1.53
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	11	1.53
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	5	1.53
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	5	1.53
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	5	1.53
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	1	1.53
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	1	1.53
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	9	1.53
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	9	1.53
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB3	19	1.53
(1,740)	1:917:A:ILE:HA	1:920:A:LEU:HB2	19	1.53
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	2	1.53
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	2	1.53
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	2	1.53
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	12	1.53
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	12	1.53
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	12	1.53
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	5	1.53
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	5	1.53
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	5	1.53
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	5	1.53
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	5	1.53
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	5	1.53
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	18	1.53
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	18	1.53
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	18	1.53
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	18	1.53
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	18	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	18	1.53
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	16	1.53
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	16	1.53
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	16	1.53
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	13	1.53
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	13	1.53
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	13	1.53
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	1	1.53
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	1	1.53
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	1	1.53
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	1	1.53
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	1	1.53
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	1	1.53
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	1	1.53
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	1	1.53
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	1	1.53
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	5	1.53
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	5	1.53
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	5	1.53
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	5	1.53
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	5	1.53
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	5	1.53
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	5	1.53
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	5	1.53
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	5	1.53
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	9	1.53
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	9	1.53
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	9	1.53
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	9	1.53
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	9	1.53
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	9	1.53
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	9	1.53
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	9	1.53
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	9	1.53
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	14	1.53
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	17	1.53
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	12	1.53
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	2	1.53
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	2	1.53
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	2	1.53
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	19	1.53
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	19	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	19	1.53
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG21	12	1.53
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG22	12	1.53
(1,657)	1:897:A:ILE:HA	1:897:A:ILE:HG23	12	1.53
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	13	1.53
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	14	1.53
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	14	1.53
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	14	1.53
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	3	1.53
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	3	1.53
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	3	1.53
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	3	1.53
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	3	1.53
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	3	1.53
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	3	1.53
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	3	1.53
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	3	1.53
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD1	6	1.53
(1,523)	1:879:A:ALA:HB1	1:882:A:PHE:HD2	6	1.53
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD1	6	1.53
(1,523)	1:879:A:ALA:HB2	1:882:A:PHE:HD2	6	1.53
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD1	6	1.53
(1,523)	1:879:A:ALA:HB3	1:882:A:PHE:HD2	6	1.53
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	10	1.53
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	10	1.53
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	10	1.53
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	12	1.53
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	12	1.53
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	12	1.53
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	10	1.53
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	10	1.53
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	10	1.53
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	20	1.53
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	20	1.53
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	20	1.53
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD21	17	1.53
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD22	17	1.53
(1,433)	1:868:A:LEU:HB2	1:868:A:LEU:HD23	17	1.53
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	9	1.53
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	9	1.53
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	9	1.53
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	19	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	19	1.53
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	19	1.53
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	18	1.53
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	18	1.53
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	18	1.53
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	5	1.53
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	5	1.53
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	13	1.53
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	13	1.53
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	8	1.53
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	8	1.53
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	8	1.53
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	20	1.53
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	3	1.53
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	3	1.53
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	7	1.53
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	7	1.53
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	1	1.53
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	1	1.53
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	1	1.53
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	6	1.53
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	6	1.53
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	6	1.53
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	7	1.53
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	7	1.53
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	7	1.53
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	17	1.53
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	17	1.53
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	17	1.53
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	11	1.53
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	11	1.53
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	11	1.53
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	8	1.53
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	8	1.53
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	8	1.53
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	8	1.53
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	8	1.53
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	8	1.53
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	18	1.53
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	18	1.53
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	18	1.53
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	9	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	18	1.53
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	18	1.53
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	18	1.53
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	1	1.53
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	17	1.53
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	17	1.53
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	17	1.53
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	18	1.53
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	18	1.53
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	18	1.53
(1,150)	1:824:A:ALA:HB1	1:825:A:CYS:HA	1	1.53
(1,150)	1:824:A:ALA:HB2	1:825:A:CYS:HA	1	1.53
(1,150)	1:824:A:ALA:HB3	1:825:A:CYS:HA	1	1.53
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	2	1.53
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	2	1.53
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	2	1.53
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	2	1.53
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	2	1.53
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	2	1.53
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	2	1.53
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	2	1.53
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	2	1.53
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	19	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	8	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	8	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	8	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	11	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	11	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	11	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	12	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	12	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	12	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	13	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	13	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	13	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	17	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	17	1.53
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	17	1.53
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	5	1.53
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	5	1.53
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	5	1.53
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	14	1.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	14	1.53
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	14	1.53
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	17	1.53
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	17	1.53
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	17	1.53
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	7	1.53
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	7	1.53
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	7	1.53
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	2	1.53
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	2	1.53
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	2	1.53
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	2	1.53
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	9	1.53
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	9	1.53
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	9	1.53
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	9	1.53
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	18	1.53
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	18	1.53
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	18	1.53
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	12	1.53
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	12	1.53
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	12	1.53
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	7	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	7	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	7	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	7	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	7	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	7	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	8	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	8	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	8	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	8	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	8	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	8	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	11	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	11	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	11	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	11	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	11	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	11	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	14	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	14	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	14	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	14	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	14	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	14	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	19	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	19	1.52
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	19	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	19	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	19	1.52
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	19	1.52
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	7	1.52
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	7	1.52
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	19	1.52
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	19	1.52
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE2	6	1.52
(1,3345)	1:901:A:PHE:HD2	1:921:A:LYS:HE3	6	1.52
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE2	6	1.52
(1,3345)	1:901:A:PHE:HD1	1:921:A:LYS:HE3	6	1.52
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	9	1.52
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	9	1.52
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	14	1.52
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	14	1.52
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	13	1.52
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	13	1.52
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	13	1.52
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	13	1.52
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	13	1.52
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	13	1.52
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	16	1.52
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	16	1.52
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	16	1.52
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	16	1.52
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	18	1.52
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	18	1.52
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	18	1.52
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	18	1.52
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	19	1.52
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	19	1.52
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	19	1.52
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	19	1.52
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	20	1.52
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	20	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	20	1.52
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	20	1.52
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	20	1.52
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	20	1.52
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	13	1.52
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	13	1.52
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	14	1.52
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	14	1.52
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	17	1.52
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	17	1.52
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	18	1.52
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	18	1.52
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	8	1.52
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	8	1.52
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	1	1.52
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	1	1.52
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	1	1.52
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	1	1.52
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	1	1.52
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	1	1.52
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	19	1.52
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	19	1.52
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	19	1.52
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	19	1.52
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	19	1.52
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	19	1.52
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	7	1.52
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	7	1.52
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	7	1.52
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	7	1.52
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	7	1.52
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	7	1.52
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	9	1.52
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	9	1.52
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	9	1.52
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	9	1.52
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	9	1.52
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	9	1.52
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	14	1.52
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	14	1.52
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	14	1.52
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	14	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	14	1.52
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	14	1.52
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	20	1.52
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	20	1.52
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	20	1.52
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	20	1.52
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	20	1.52
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	20	1.52
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB3	3	1.52
(1,3204)	1:854:A:ILE:HA	1:857:A:LEU:HB2	3	1.52
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	13	1.52
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	13	1.52
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	8	1.52
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	8	1.52
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	2	1.52
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	2	1.52
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	1	1.52
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	1	1.52
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	6	1.52
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	6	1.52
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	10	1.52
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	10	1.52
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	1	1.52
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	1	1.52
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	10	1.52
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	10	1.52
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	11	1.52
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	11	1.52
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	6	1.52
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	6	1.52
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	6	1.52
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	6	1.52
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	2	1.52
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	2	1.52
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	11	1.52
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	11	1.52
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	19	1.52
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	19	1.52
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	13	1.52
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	13	1.52
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	13	1.52
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	13	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	7	1.52
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	7	1.52
(1,3017)	1:853:A:LEU:HG	1:854:A:ILE:H	5	1.52
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	11	1.52
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	11	1.52
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	17	1.52
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	17	1.52
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	3	1.52
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	3	1.52
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	3	1.52
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	9	1.52
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	9	1.52
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	9	1.52
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	15	1.52
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	15	1.52
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	15	1.52
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	7	1.52
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	7	1.52
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	7	1.52
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	13	1.52
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	13	1.52
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	13	1.52
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	3	1.52
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	8	1.52
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	17	1.52
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	17	1.52
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	7	1.52
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	8	1.52
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	8	1.52
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	8	1.52
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	12	1.52
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	12	1.52
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	12	1.52
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD21	9	1.52
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD22	9	1.52
(1,2877)	1:825:A:CYS:HB3	1:829:A:LEU:HD23	9	1.52
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	2	1.52
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	19	1.52
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	19	1.52
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	19	1.52
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	3	1.52
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	3	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	3	1.52
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	8	1.52
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	8	1.52
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	8	1.52
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	14	1.52
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	14	1.52
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	3	1.52
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	3	1.52
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	3	1.52
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	12	1.52
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	12	1.52
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	12	1.52
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	15	1.52
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	15	1.52
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	15	1.52
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	10	1.52
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	10	1.52
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	10	1.52
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	4	1.52
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	4	1.52
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	4	1.52
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	20	1.52
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	20	1.52
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	20	1.52
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	2	1.52
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	5	1.52
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	5	1.52
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	11	1.52
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	2	1.52
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	1	1.52
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	1	1.52
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	1	1.52
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	1	1.52
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	20	1.52
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	20	1.52
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	20	1.52
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	20	1.52
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	11	1.52
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	11	1.52
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	9	1.52
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	9	1.52
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	9	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	3	1.52
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	3	1.52
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	3	1.52
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	3	1.52
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	3	1.52
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	3	1.52
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	10	1.52
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	10	1.52
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	10	1.52
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	17	1.52
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	17	1.52
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	17	1.52
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	10	1.52
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	10	1.52
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	10	1.52
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	4	1.52
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	4	1.52
(1,2568)	1:837:A:LEU:H	1:837:A:LEU:HG	11	1.52
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	16	1.52
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	16	1.52
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	20	1.52
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	8	1.52
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	8	1.52
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	17	1.52
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	17	1.52
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	17	1.52
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	6	1.52
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	3	1.52
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	3	1.52
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	8	1.52
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	8	1.52
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	15	1.52
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	7	1.52
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	9	1.52
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	2	1.52
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	2	1.52
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	10	1.52
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	10	1.52
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	19	1.52
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	19	1.52
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	4	1.52
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	4	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	4	1.52
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	4	1.52
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	4	1.52
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	4	1.52
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	1	1.52
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	1	1.52
(1,2355)	1:912:A:PHE:HE1	1:917:A:ILE:HG13	8	1.52
(1,2355)	1:912:A:PHE:HE2	1:917:A:ILE:HG13	8	1.52
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	10	1.52
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	10	1.52
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	15	1.52
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	15	1.52
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	15	1.52
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	15	1.52
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	15	1.52
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	15	1.52
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	7	1.52
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	7	1.52
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	7	1.52
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	7	1.52
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	7	1.52
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	7	1.52
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG2	13	1.52
(1,2323)	1:882:A:PHE:HD1	1:883:A:LYS:HG3	13	1.52
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG2	13	1.52
(1,2323)	1:882:A:PHE:HD2	1:883:A:LYS:HG3	13	1.52
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	11	1.52
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	11	1.52
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	11	1.52
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	11	1.52
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	11	1.52
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	11	1.52
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	15	1.52
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	15	1.52
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	15	1.52
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	15	1.52
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	15	1.52
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	15	1.52
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	16	1.52
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	16	1.52
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	15	1.52
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	15	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	2	1.52
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	2	1.52
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	2	1.52
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	2	1.52
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	1	1.52
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	1	1.52
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	18	1.52
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	18	1.52
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	18	1.52
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	18	1.52
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	3	1.52
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	11	1.52
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	11	1.52
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	13	1.52
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	13	1.52
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	16	1.52
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	16	1.52
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	20	1.52
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	20	1.52
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	13	1.52
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	16	1.52
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	16	1.52
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	19	1.52
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	19	1.52
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	6	1.52
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	6	1.52
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	6	1.52
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	7	1.52
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	7	1.52
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	7	1.52
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	6	1.52
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	6	1.52
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	3	1.52
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	3	1.52
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	17	1.52
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	17	1.52
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	7	1.52
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	7	1.52
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	1	1.52
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	4	1.52
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	12	1.52
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	12	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	18	1.52
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	15	1.52
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	15	1.52
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	11	1.52
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	11	1.52
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	15	1.52
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	15	1.52
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	15	1.52
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	4	1.52
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	4	1.52
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	6	1.52
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	6	1.52
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	4	1.52
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	4	1.52
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG2	5	1.52
(1,1705)	1:878:A:LYS:H	1:878:A:LYS:HG3	5	1.52
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	9	1.52
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	9	1.52
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	10	1.52
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	15	1.52
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	14	1.52
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	14	1.52
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	19	1.52
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	19	1.52
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	19	1.52
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	12	1.52
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	12	1.52
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	13	1.52
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	13	1.52
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	13	1.52
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	15	1.52
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	15	1.52
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	2	1.52
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	1	1.52
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	1	1.52
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	4	1.52
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	4	1.52
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	4	1.52
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	5	1.52
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	5	1.52
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	5	1.52
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	19	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	3	1.52
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	3	1.52
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	3	1.52
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	10	1.52
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	17	1.52
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	16	1.52
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	16	1.52
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	16	1.52
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	19	1.52
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	19	1.52
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	19	1.52
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	2	1.52
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	2	1.52
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	3	1.52
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	3	1.52
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	11	1.52
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	11	1.52
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	11	1.52
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	3	1.52
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	3	1.52
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	3	1.52
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	19	1.52
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	19	1.52
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	2	1.52
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	2	1.52
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	2	1.52
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	12	1.52
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	12	1.52
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	12	1.52
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	20	1.52
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	20	1.52
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	20	1.52
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	3	1.52
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	3	1.52
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	9	1.52
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	9	1.52
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	6	1.52
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	6	1.52
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	6	1.52
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	15	1.52
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	15	1.52
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	15	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	20	1.52
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	20	1.52
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	5	1.52
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	5	1.52
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	1	1.52
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	1	1.52
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	1	1.52
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	6	1.52
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	6	1.52
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	12	1.52
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	12	1.52
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	12	1.52
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	4	1.52
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	4	1.52
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	3	1.52
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	3	1.52
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	3	1.52
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	18	1.52
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	18	1.52
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	18	1.52
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	10	1.52
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	4	1.52
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	4	1.52
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	20	1.52
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	5	1.52
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	5	1.52
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	5	1.52
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	13	1.52
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	13	1.52
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	10	1.52
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	10	1.52
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	10	1.52
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	16	1.52
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	16	1.52
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	16	1.52
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	2	1.52
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	2	1.52
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	2	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	3	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	3	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	3	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	4	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	4	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	4	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	7	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	7	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	7	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	10	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	10	1.52
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	10	1.52
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	13	1.52
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	13	1.52
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	13	1.52
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	13	1.52
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	13	1.52
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	13	1.52
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	2	1.52
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	2	1.52
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	2	1.52
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	13	1.52
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	13	1.52
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	13	1.52
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	12	1.52
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	12	1.52
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	12	1.52
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	3	1.52
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	4	1.52
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	7	1.52
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	7	1.52
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	10	1.52
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	10	1.52
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	19	1.52
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	19	1.52
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	2	1.52
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	2	1.52
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	2	1.52
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	3	1.52
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	3	1.52
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	3	1.52
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	5	1.52
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	5	1.52
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	5	1.52
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	6	1.52
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	6	1.52
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	6	1.52
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	6	1.52
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	6	1.52
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	10	1.52
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	10	1.52
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	10	1.52
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	9	1.52
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	9	1.52
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	9	1.52
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	8	1.52
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	8	1.52
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	8	1.52
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	8	1.52
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	8	1.52
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	8	1.52
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	8	1.52
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	8	1.52
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	8	1.52
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	14	1.52
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	2	1.52
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	2	1.52
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	2	1.52
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	5	1.52
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	5	1.52
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	5	1.52
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	10	1.52
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	10	1.52
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	10	1.52
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	1	1.52
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	1	1.52
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	1	1.52
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	7	1.52
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	7	1.52
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	5	1.52
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	5	1.52
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	3	1.52
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	3	1.52
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	3	1.52
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	3	1.52
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	3	1.52
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	3	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	3	1.52
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	3	1.52
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	3	1.52
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	19	1.52
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	19	1.52
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	19	1.52
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	19	1.52
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	19	1.52
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	19	1.52
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	19	1.52
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	19	1.52
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	19	1.52
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	1	1.52
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	1	1.52
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	1	1.52
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	7	1.52
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	7	1.52
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	7	1.52
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	7	1.52
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	7	1.52
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	11	1.52
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	11	1.52
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	11	1.52
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	20	1.52
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	20	1.52
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	12	1.52
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	12	1.52
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	12	1.52
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	14	1.52
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	14	1.52
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	14	1.52
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	14	1.52
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	14	1.52
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	14	1.52
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	14	1.52
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	14	1.52
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	14	1.52
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	6	1.52
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	6	1.52
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	6	1.52
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	15	1.52
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	15	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	15	1.52
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	18	1.52
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	18	1.52
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	18	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	7	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	7	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	7	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	9	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	9	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	9	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	12	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	12	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	12	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	17	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	17	1.52
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	17	1.52
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	7	1.52
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	7	1.52
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	10	1.52
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	14	1.52
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	14	1.52
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	14	1.52
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	17	1.52
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	17	1.52
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	17	1.52
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	17	1.52
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	17	1.52
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	17	1.52
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	17	1.52
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	17	1.52
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	3	1.52
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	3	1.52
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	3	1.52
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	18	1.52
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	18	1.52
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	18	1.52
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	20	1.52
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	20	1.52
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	20	1.52
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	9	1.52
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	9	1.52
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	9	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	11	1.52
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	11	1.52
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	11	1.52
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	17	1.52
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	17	1.52
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	17	1.52
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	17	1.52
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	17	1.52
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	17	1.52
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	4	1.52
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	4	1.52
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	4	1.52
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD21	14	1.52
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD22	14	1.52
(1,244)	1:837:A:LEU:HA	1:837:A:LEU:HD23	14	1.52
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	7	1.52
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	16	1.52
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	16	1.52
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	16	1.52
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	16	1.52
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	7	1.52
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	18	1.52
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD21	19	1.52
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD22	19	1.52
(1,185)	1:829:A:LEU:HA	1:829:A:LEU:HD23	19	1.52
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	13	1.52
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	11	1.52
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	4	1.52
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	4	1.52
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	4	1.52
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	9	1.52
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	5	1.52
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	5	1.52
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	5	1.52
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	5	1.52
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	5	1.52
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	5	1.52
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	11	1.52
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	8	1.52
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	8	1.52
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	8	1.52
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD11	7	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD12	7	1.52
(1,35)	1:803:A:PRO:HA	1:812:A:ILE:HD13	7	1.52
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	20	1.52
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	20	1.52
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	1	1.52
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	1	1.52
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	1	1.52
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	17	1.52
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	17	1.52
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	17	1.52
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	8	1.51
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	8	1.51
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	8	1.51
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	8	1.51
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	8	1.51
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	8	1.51
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	15	1.51
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	15	1.51
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	15	1.51
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	15	1.51
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	15	1.51
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	15	1.51
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	15	1.51
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	15	1.51
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	15	1.51
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	15	1.51
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	13	1.51
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	13	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	4	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	4	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	4	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	4	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	4	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	4	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	5	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	5	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	5	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	5	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	5	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	5	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	9	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	9	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	9	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	9	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	9	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	9	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	10	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	10	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	10	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	10	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	10	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	10	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	15	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	15	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	15	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	15	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	15	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	15	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	18	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	18	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	18	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	18	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	18	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	18	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	20	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	20	1.51
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	20	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	20	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	20	1.51
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	20	1.51
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	10	1.51
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	10	1.51
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	16	1.51
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	16	1.51
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	5	1.51
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	5	1.51
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	9	1.51
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	9	1.51
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	11	1.51
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	11	1.51
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	12	1.51
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	12	1.51
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	9	1.51
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	9	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	7	1.51
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	7	1.51
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	13	1.51
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	13	1.51
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	9	1.51
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	9	1.51
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	13	1.51
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	13	1.51
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	11	1.51
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	11	1.51
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	11	1.51
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	11	1.51
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	7	1.51
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	7	1.51
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	3	1.51
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	3	1.51
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	18	1.51
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	18	1.51
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	16	1.51
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	16	1.51
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	12	1.51
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	12	1.51
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	4	1.51
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	4	1.51
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	4	1.51
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	4	1.51
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	14	1.51
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	14	1.51
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	14	1.51
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	14	1.51
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	9	1.51
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	9	1.51
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	9	1.51
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	9	1.51
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	2	1.51
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	2	1.51
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	12	1.51
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	12	1.51
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	15	1.51
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	15	1.51
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	15	1.51
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	15	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	15	1.51
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	15	1.51
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	20	1.51
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	20	1.51
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	20	1.51
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	20	1.51
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	20	1.51
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	20	1.51
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	6	1.51
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	6	1.51
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	6	1.51
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	6	1.51
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	6	1.51
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	6	1.51
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	16	1.51
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	16	1.51
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	7	1.51
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	7	1.51
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	4	1.51
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	4	1.51
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	14	1.51
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	14	1.51
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	11	1.51
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	11	1.51
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	9	1.51
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	9	1.51
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	9	1.51
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	9	1.51
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	9	1.51
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	9	1.51
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	18	1.51
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	18	1.51
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	18	1.51
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	18	1.51
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	18	1.51
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	18	1.51
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	1	1.51
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	1	1.51
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	14	1.51
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	14	1.51
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	14	1.51
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	19	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	19	1.51
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	19	1.51
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	19	1.51
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	19	1.51
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	19	1.51
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	5	1.51
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	5	1.51
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	20	1.51
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	20	1.51
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	1	1.51
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	1	1.51
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	1	1.51
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	1	1.51
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	1	1.51
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	1	1.51
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	16	1.51
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	16	1.51
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	18	1.51
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	18	1.51
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	9	1.51
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	9	1.51
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	18	1.51
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	18	1.51
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	4	1.51
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	7	1.51
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	11	1.51
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	16	1.51
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	16	1.51
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	16	1.51
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	15	1.51
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	15	1.51
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	15	1.51
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	11	1.51
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	11	1.51
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	11	1.51
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	13	1.51
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	13	1.51
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	13	1.51
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	19	1.51
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	19	1.51
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	13	1.51
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	13	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	13	1.51
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	13	1.51
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	13	1.51
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	13	1.51
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	19	1.51
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	19	1.51
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	19	1.51
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	9	1.51
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	9	1.51
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	9	1.51
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	14	1.51
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	14	1.51
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	14	1.51
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	9	1.51
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	9	1.51
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	9	1.51
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	14	1.51
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	14	1.51
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	5	1.51
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	5	1.51
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	5	1.51
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	12	1.51
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	12	1.51
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	12	1.51
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	11	1.51
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	11	1.51
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	11	1.51
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	18	1.51
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	18	1.51
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	18	1.51
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	1	1.51
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	5	1.51
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	17	1.51
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	17	1.51
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	17	1.51
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	1	1.51
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	7	1.51
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	16	1.51
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	16	1.51
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	16	1.51
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	6	1.51
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	6	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	6	1.51
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	6	1.51
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	14	1.51
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	14	1.51
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	14	1.51
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	14	1.51
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	15	1.51
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	15	1.51
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	15	1.51
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	15	1.51
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	16	1.51
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	16	1.51
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	16	1.51
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	12	1.51
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	12	1.51
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	12	1.51
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	9	1.51
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	9	1.51
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	9	1.51
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	11	1.51
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	11	1.51
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	11	1.51
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	1	1.51
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	1	1.51
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	1	1.51
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	1	1.51
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	1	1.51
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	1	1.51
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	9	1.51
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	9	1.51
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	9	1.51
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	18	1.51
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	18	1.51
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	18	1.51
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	14	1.51
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	14	1.51
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	14	1.51
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	13	1.51
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	13	1.51
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	13	1.51
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	1	1.51
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	1	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	1	1.51
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	1	1.51
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	1	1.51
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	1	1.51
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	15	1.51
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	15	1.51
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	15	1.51
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	15	1.51
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	15	1.51
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	15	1.51
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	17	1.51
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	17	1.51
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	7	1.51
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	7	1.51
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	10	1.51
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	10	1.51
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	13	1.51
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	13	1.51
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	13	1.51
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	13	1.51
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	3	1.51
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	3	1.51
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	14	1.51
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	14	1.51
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	19	1.51
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	19	1.51
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	19	1.51
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	19	1.51
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	19	1.51
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	19	1.51
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	9	1.51
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	10	1.51
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	9	1.51
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	9	1.51
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	2	1.51
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	2	1.51
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	20	1.51
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	20	1.51
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	2	1.51
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	2	1.51
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	4	1.51
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	4	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	15	1.51
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	15	1.51
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	7	1.51
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	7	1.51
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	11	1.51
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	11	1.51
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	11	1.51
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	11	1.51
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	11	1.51
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	11	1.51
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	14	1.51
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	14	1.51
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	14	1.51
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	14	1.51
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	14	1.51
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	14	1.51
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	10	1.51
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	10	1.51
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	4	1.51
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	4	1.51
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	9	1.51
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	9	1.51
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	2	1.51
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	2	1.51
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	2	1.51
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	2	1.51
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	2	1.51
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	2	1.51
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	3	1.51
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	3	1.51
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	3	1.51
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	3	1.51
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	3	1.51
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	3	1.51
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	11	1.51
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	11	1.51
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	11	1.51
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	11	1.51
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	11	1.51
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	11	1.51
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	13	1.51
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	13	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	14	1.51
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	14	1.51
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	1	1.51
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	1	1.51
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	1	1.51
(1,2253)	1:829:A:LEU:HD11	1:872:A:HIS:HD2	17	1.51
(1,2253)	1:829:A:LEU:HD12	1:872:A:HIS:HD2	17	1.51
(1,2253)	1:829:A:LEU:HD13	1:872:A:HIS:HD2	17	1.51
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	1	1.51
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	1	1.51
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	1	1.51
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	14	1.51
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	14	1.51
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	14	1.51
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	3	1.51
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	3	1.51
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	3	1.51
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	3	1.51
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	3	1.51
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	3	1.51
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	10	1.51
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	10	1.51
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	10	1.51
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	20	1.51
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	20	1.51
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	20	1.51
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	2	1.51
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	2	1.51
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	10	1.51
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	10	1.51
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	12	1.51
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	12	1.51
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	14	1.51
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	14	1.51
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	15	1.51
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	15	1.51
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	19	1.51
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	19	1.51
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	2	1.51
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	2	1.51
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	18	1.51
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	18	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	7	1.51
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	4	1.51
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	4	1.51
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	9	1.51
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	9	1.51
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	10	1.51
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	10	1.51
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	13	1.51
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	13	1.51
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	16	1.51
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	16	1.51
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	16	1.51
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	1	1.51
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	1	1.51
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	1	1.51
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	2	1.51
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	2	1.51
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	3	1.51
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	3	1.51
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	3	1.51
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	18	1.51
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	18	1.51
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	18	1.51
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	13	1.51
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	13	1.51
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	13	1.51
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	3	1.51
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	12	1.51
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	2	1.51
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	14	1.51
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	14	1.51
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	14	1.51
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	6	1.51
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	6	1.51
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	14	1.51
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	17	1.51
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	4	1.51
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	4	1.51
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	16	1.51
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	16	1.51
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	7	1.51
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	7	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	17	1.51
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	17	1.51
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	17	1.51
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	11	1.51
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	11	1.51
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	1	1.51
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	1	1.51
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	14	1.51
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	14	1.51
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	20	1.51
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	20	1.51
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	7	1.51
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	17	1.51
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	17	1.51
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	17	1.51
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	4	1.51
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	14	1.51
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	17	1.51
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	4	1.51
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	4	1.51
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	4	1.51
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	18	1.51
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	3	1.51
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	3	1.51
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	9	1.51
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	9	1.51
(1,1553)	1:866:A:PRO:HG2	1:867:A:SER:H	6	1.51
(1,1553)	1:866:A:PRO:HG3	1:867:A:SER:H	6	1.51
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	12	1.51
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	8	1.51
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	8	1.51
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	8	1.51
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	4	1.51
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	11	1.51
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	11	1.51
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	3	1.51
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	3	1.51
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	12	1.51
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	12	1.51
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	12	1.51
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	15	1.51
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	15	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	15	1.51
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	6	1.51
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	6	1.51
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	6	1.51
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	12	1.51
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	12	1.51
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	12	1.51
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	5	1.51
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	5	1.51
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	5	1.51
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	16	1.51
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	16	1.51
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	16	1.51
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	4	1.51
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	4	1.51
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	4	1.51
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	7	1.51
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	7	1.51
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	7	1.51
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	8	1.51
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	8	1.51
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	8	1.51
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	19	1.51
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	19	1.51
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	19	1.51
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	5	1.51
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	5	1.51
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	5	1.51
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	1	1.51
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	1	1.51
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	1	1.51
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	8	1.51
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	8	1.51
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	8	1.51
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	13	1.51
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	13	1.51
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	13	1.51
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	5	1.51
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	5	1.51
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	5	1.51
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	7	1.51
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	7	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	7	1.51
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	8	1.51
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	8	1.51
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	8	1.51
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	13	1.51
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	13	1.51
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	13	1.51
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	16	1.51
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	16	1.51
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	16	1.51
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	20	1.51
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	20	1.51
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	20	1.51
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	18	1.51
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	20	1.51
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	20	1.51
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	2	1.51
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	2	1.51
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	2	1.51
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	9	1.51
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	9	1.51
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	9	1.51
(1,1270)	1:832:A:THR:HG21	1:837:A:LEU:H	11	1.51
(1,1270)	1:832:A:THR:HG22	1:837:A:LEU:H	11	1.51
(1,1270)	1:832:A:THR:HG23	1:837:A:LEU:H	11	1.51
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	3	1.51
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	3	1.51
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	3	1.51
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	16	1.51
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	16	1.51
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	16	1.51
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	9	1.51
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	16	1.51
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	16	1.51
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	16	1.51
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	13	1.51
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	13	1.51
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	13	1.51
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	5	1.51
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	5	1.51
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	5	1.51
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	2	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	2	1.51
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	1	1.51
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	18	1.51
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	18	1.51
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	18	1.51
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	5	1.51
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	1	1.51
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	1	1.51
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	1	1.51
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	7	1.51
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	7	1.51
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	10	1.51
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	10	1.51
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	13	1.51
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	6	1.51
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	6	1.51
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	12	1.51
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	12	1.51
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	15	1.51
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	15	1.51
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	15	1.51
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	17	1.51
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	17	1.51
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	17	1.51
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	17	1.51
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	17	1.51
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	17	1.51
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	5	1.51
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	5	1.51
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	5	1.51
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	8	1.51
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	8	1.51
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	8	1.51
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	5	1.51
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	5	1.51
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	5	1.51
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	19	1.51
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	19	1.51
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	19	1.51
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	19	1.51
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	19	1.51
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	19	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	1	1.51
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	1	1.51
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	1	1.51
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	9	1.51
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	9	1.51
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	9	1.51
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	17	1.51
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	17	1.51
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	17	1.51
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	9	1.51
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	9	1.51
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	9	1.51
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	1	1.51
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	7	1.51
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	7	1.51
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	7	1.51
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	5	1.51
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	11	1.51
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	11	1.51
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	11	1.51
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	16	1.51
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	16	1.51
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	16	1.51
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	7	1.51
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	7	1.51
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	7	1.51
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	7	1.51
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	7	1.51
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	7	1.51
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	2	1.51
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	2	1.51
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	2	1.51
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	10	1.51
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	10	1.51
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	10	1.51
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	19	1.51
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	19	1.51
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	19	1.51
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	3	1.51
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	1	1.51
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	1	1.51
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	1	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	20	1.51
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	20	1.51
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	20	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	5	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	5	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	5	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	9	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	9	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	9	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	13	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	13	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	13	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	18	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	18	1.51
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	18	1.51
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	14	1.51
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	14	1.51
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	14	1.51
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	14	1.51
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	14	1.51
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	14	1.51
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	11	1.51
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	11	1.51
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	11	1.51
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	12	1.51
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	12	1.51
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	12	1.51
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	4	1.51
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	4	1.51
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	4	1.51
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	4	1.51
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	19	1.51
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	19	1.51
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	8	1.51
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	8	1.51
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	8	1.51
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	9	1.51
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	9	1.51
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	9	1.51
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	9	1.51
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	9	1.51
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	9	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	10	1.51
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	10	1.51
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	10	1.51
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	10	1.51
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	10	1.51
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	10	1.51
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD21	14	1.51
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD22	14	1.51
(1,576)	1:809:A:PHE:HE2	1:829:A:LEU:HD23	14	1.51
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD21	14	1.51
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD22	14	1.51
(1,576)	1:809:A:PHE:HE1	1:829:A:LEU:HD23	14	1.51
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	4	1.51
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	4	1.51
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	4	1.51
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	4	1.51
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	4	1.51
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	4	1.51
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	4	1.51
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	4	1.51
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	4	1.51
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	11	1.51
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	11	1.51
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	11	1.51
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	18	1.51
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	18	1.51
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	18	1.51
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	17	1.51
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	17	1.51
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	17	1.51
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	16	1.51
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	16	1.51
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	16	1.51
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	17	1.51
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	17	1.51
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	17	1.51
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	6	1.51
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	6	1.51
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	6	1.51
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	16	1.51
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	16	1.51
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	16	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	3	1.51
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	8	1.51
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	3	1.51
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	3	1.51
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	3	1.51
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	20	1.51
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	20	1.51
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	20	1.51
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	9	1.51
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	9	1.51
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	9	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	9	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	9	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	9	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	10	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	10	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	10	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	15	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	15	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	15	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	19	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	19	1.51
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	19	1.51
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	2	1.51
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	2	1.51
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	2	1.51
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	17	1.51
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	17	1.51
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	17	1.51
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	13	1.51
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	17	1.51
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	6	1.51
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	14	1.51
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	14	1.51
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	14	1.51
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	14	1.51
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	14	1.51
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	14	1.51
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	3	1.51
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	6	1.51
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	15	1.51
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	5	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	5	1.51
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	5	1.51
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	8	1.51
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	8	1.51
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	8	1.51
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	15	1.51
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	15	1.51
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	15	1.51
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	19	1.51
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	19	1.51
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	19	1.51
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	3	1.51
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	3	1.51
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	2	1.51
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	2	1.51
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	14	1.51
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	14	1.51
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	14	1.51
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	13	1.51
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	13	1.51
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	13	1.51
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	19	1.51
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	19	1.51
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	4	1.51
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	4	1.51
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	4	1.51
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	18	1.51
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	18	1.51
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	18	1.51
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	14	1.51
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	14	1.51
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	14	1.51
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	16	1.51
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	16	1.51
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	16	1.51
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	16	1.51
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	16	1.51
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	16	1.51
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	16	1.51
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	16	1.51
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	16	1.51
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	16	1.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	16	1.51
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	16	1.51
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	16	1.5
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	16	1.5
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	16	1.5
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	16	1.5
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	16	1.5
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	16	1.5
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	18	1.5
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	18	1.5
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	18	1.5
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	18	1.5
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	18	1.5
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	18	1.5
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	12	1.5
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	12	1.5
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	1	1.5
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	1	1.5
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	1	1.5
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	1	1.5
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	1	1.5
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	1	1.5
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	12	1.5
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	12	1.5
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	12	1.5
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	12	1.5
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	12	1.5
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	12	1.5
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	8	1.5
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	8	1.5
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	16	1.5
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	16	1.5
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	20	1.5
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	20	1.5
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	20	1.5
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	20	1.5
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	20	1.5
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	20	1.5
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	13	1.5
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	13	1.5
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	17	1.5
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	17	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	4	1.5
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	4	1.5
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	12	1.5
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	12	1.5
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	9	1.5
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	9	1.5
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	9	1.5
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	9	1.5
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	16	1.5
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	16	1.5
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	12	1.5
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	12	1.5
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	12	1.5
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	12	1.5
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	3	1.5
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	3	1.5
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	3	1.5
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	3	1.5
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	14	1.5
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	14	1.5
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	14	1.5
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	14	1.5
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	5	1.5
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	5	1.5
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	3	1.5
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	3	1.5
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	16	1.5
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	16	1.5
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	19	1.5
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	19	1.5
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	19	1.5
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	19	1.5
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	19	1.5
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	19	1.5
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	4	1.5
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	4	1.5
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	4	1.5
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	16	1.5
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	16	1.5
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	8	1.5
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	8	1.5
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	8	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	8	1.5
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	8	1.5
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	8	1.5
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	4	1.5
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	4	1.5
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	3	1.5
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	3	1.5
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	9	1.5
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	9	1.5
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	19	1.5
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	19	1.5
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	10	1.5
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	10	1.5
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	10	1.5
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	10	1.5
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	10	1.5
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	10	1.5
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	8	1.5
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	8	1.5
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	8	1.5
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	8	1.5
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	2	1.5
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	2	1.5
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	19	1.5
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	19	1.5
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	15	1.5
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	15	1.5
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	15	1.5
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	15	1.5
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	15	1.5
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	15	1.5
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	16	1.5
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	16	1.5
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	2	1.5
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	2	1.5
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	1	1.5
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	1	1.5
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	16	1.5
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	16	1.5
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	16	1.5
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	16	1.5
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	3	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	9	1.5
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	9	1.5
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	9	1.5
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	13	1.5
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	13	1.5
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	13	1.5
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	7	1.5
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	5	1.5
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	5	1.5
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	5	1.5
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	4	1.5
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	4	1.5
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	4	1.5
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	4	1.5
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	4	1.5
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	4	1.5
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	5	1.5
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	5	1.5
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	5	1.5
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	14	1.5
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	14	1.5
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	14	1.5
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	2	1.5
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	2	1.5
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	2	1.5
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD21	8	1.5
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD22	8	1.5
(1,2771)	1:817:A:SER:HA	1:852:A:LEU:HD23	8	1.5
(1,2767)	1:862:A:ILE:HD11	1:866:A:PRO:HA	4	1.5
(1,2767)	1:862:A:ILE:HD12	1:866:A:PRO:HA	4	1.5
(1,2767)	1:862:A:ILE:HD13	1:866:A:PRO:HA	4	1.5
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	3	1.5
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	3	1.5
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	3	1.5
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	16	1.5
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	16	1.5
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	16	1.5
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	8	1.5
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	14	1.5
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	17	1.5
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	5	1.5
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	7	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	11	1.5
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	19	1.5
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	1	1.5
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	1	1.5
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	1	1.5
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	1	1.5
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	4	1.5
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	4	1.5
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	4	1.5
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	4	1.5
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	5	1.5
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	5	1.5
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	5	1.5
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	5	1.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	12	1.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	12	1.5
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	10	1.5
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	10	1.5
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	6	1.5
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	6	1.5
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	18	1.5
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	14	1.5
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	14	1.5
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	14	1.5
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	11	1.5
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	11	1.5
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	11	1.5
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	11	1.5
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	11	1.5
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	11	1.5
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	10	1.5
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	10	1.5
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	10	1.5
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	14	1.5
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	14	1.5
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	14	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	4	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	4	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	4	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	4	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	4	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	4	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	5	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	5	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	5	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	5	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	5	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	5	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	7	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	7	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	7	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	7	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	7	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	7	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	8	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	8	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	8	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	8	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	8	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	8	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	9	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	9	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	9	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	9	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	9	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	9	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	10	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	10	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	10	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	10	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	10	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	10	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	11	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	11	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	11	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	11	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	11	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	11	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	12	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	12	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	12	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	12	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	12	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	12	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	14	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	14	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	14	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	14	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	14	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	14	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	16	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	16	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	16	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	16	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	16	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	16	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	17	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	17	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	17	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	17	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	17	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	17	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	18	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	18	1.5
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	18	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	18	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	18	1.5
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	18	1.5
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	9	1.5
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	9	1.5
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	9	1.5
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	15	1.5
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	4	1.5
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	15	1.5
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	15	1.5
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	6	1.5
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	6	1.5
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	10	1.5
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	10	1.5
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	13	1.5
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	13	1.5
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	20	1.5
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	20	1.5
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	13	1.5
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	13	1.5
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	13	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	20	1.5
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	20	1.5
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	17	1.5
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	2	1.5
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	2	1.5
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	18	1.5
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	18	1.5
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	16	1.5
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	16	1.5
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	9	1.5
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	7	1.5
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	10	1.5
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	10	1.5
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	19	1.5
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	19	1.5
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	20	1.5
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	20	1.5
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	5	1.5
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	12	1.5
(1,2471)	1:901:A:PHE:HE2	1:924:A:TYR:HB3	18	1.5
(1,2471)	1:901:A:PHE:HE1	1:924:A:TYR:HB3	18	1.5
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	5	1.5
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	5	1.5
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	16	1.5
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	16	1.5
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	19	1.5
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	19	1.5
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	19	1.5
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	19	1.5
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	19	1.5
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	19	1.5
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	10	1.5
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	10	1.5
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	20	1.5
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	20	1.5
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	17	1.5
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	17	1.5
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	17	1.5
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	17	1.5
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	12	1.5
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	12	1.5
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	6	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	6	1.5
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	6	1.5
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	6	1.5
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	6	1.5
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	6	1.5
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	5	1.5
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	5	1.5
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	9	1.5
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	9	1.5
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	18	1.5
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	18	1.5
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	18	1.5
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	18	1.5
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	18	1.5
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	18	1.5
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	10	1.5
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	10	1.5
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	13	1.5
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	13	1.5
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	13	1.5
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	13	1.5
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	2	1.5
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	2	1.5
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	2	1.5
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	2	1.5
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	2	1.5
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	2	1.5
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	5	1.5
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	5	1.5
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	5	1.5
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	5	1.5
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	5	1.5
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	5	1.5
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	3	1.5
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	3	1.5
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	3	1.5
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	3	1.5
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	3	1.5
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	3	1.5
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	10	1.5
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	10	1.5
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	4	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	4	1.5
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	20	1.5
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	20	1.5
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	20	1.5
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	20	1.5
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	20	1.5
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	20	1.5
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	7	1.5
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	7	1.5
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	7	1.5
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	7	1.5
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	7	1.5
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	7	1.5
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	6	1.5
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	6	1.5
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	19	1.5
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	19	1.5
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	19	1.5
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	14	1.5
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	14	1.5
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	14	1.5
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	3	1.5
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	3	1.5
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	4	1.5
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	4	1.5
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	7	1.5
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	7	1.5
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	8	1.5
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	8	1.5
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	9	1.5
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	2	1.5
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	2	1.5
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	19	1.5
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	19	1.5
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	19	1.5
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	6	1.5
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	6	1.5
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	10	1.5
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	10	1.5
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	13	1.5
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	13	1.5
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	7	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	7	1.5
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	7	1.5
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	1	1.5
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	1	1.5
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	20	1.5
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	20	1.5
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	7	1.5
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	7	1.5
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	7	1.5
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	8	1.5
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	16	1.5
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	5	1.5
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	5	1.5
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	9	1.5
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	9	1.5
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	20	1.5
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	20	1.5
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	1	1.5
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	1	1.5
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	13	1.5
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	13	1.5
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	7	1.5
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	7	1.5
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	18	1.5
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	18	1.5
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	18	1.5
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	18	1.5
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	18	1.5
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	4	1.5
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	4	1.5
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	4	1.5
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	19	1.5
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	19	1.5
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	19	1.5
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	8	1.5
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	20	1.5
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	20	1.5
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	3	1.5
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	3	1.5
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	3	1.5
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	20	1.5
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	20	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	20	1.5
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	3	1.5
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	6	1.5
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	6	1.5
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	7	1.5
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	7	1.5
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	20	1.5
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	20	1.5
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	20	1.5
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	13	1.5
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	13	1.5
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	8	1.5
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	11	1.5
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	12	1.5
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	8	1.5
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	8	1.5
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	8	1.5
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	8	1.5
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	9	1.5
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	9	1.5
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	9	1.5
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	12	1.5
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	12	1.5
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	12	1.5
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	8	1.5
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	8	1.5
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	9	1.5
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	9	1.5
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	12	1.5
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	12	1.5
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	19	1.5
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	20	1.5
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	20	1.5
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	15	1.5
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	15	1.5
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	15	1.5
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	15	1.5
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	15	1.5
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	15	1.5
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	17	1.5
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	17	1.5
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	17	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	1	1.5
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	1	1.5
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	14	1.5
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	14	1.5
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	19	1.5
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	19	1.5
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	19	1.5
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	18	1.5
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	18	1.5
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	18	1.5
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	16	1.5
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	16	1.5
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	3	1.5
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	19	1.5
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	10	1.5
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	10	1.5
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	5	1.5
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	5	1.5
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	2	1.5
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	2	1.5
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	2	1.5
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	11	1.5
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	11	1.5
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	11	1.5
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	8	1.5
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	11	1.5
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	11	1.5
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	11	1.5
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	17	1.5
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	17	1.5
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	17	1.5
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	13	1.5
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	13	1.5
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	13	1.5
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	16	1.5
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	16	1.5
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	16	1.5
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	17	1.5
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	17	1.5
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	19	1.5
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	20	1.5
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	20	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	14	1.5
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	14	1.5
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	3	1.5
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	3	1.5
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	3	1.5
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	7	1.5
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	7	1.5
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	7	1.5
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	19	1.5
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	8	1.5
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG11	8	1.5
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG12	8	1.5
(1,876)	1:857:A:LEU:H	1:869:A:VAL:HG13	8	1.5
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	2	1.5
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	2	1.5
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	2	1.5
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	4	1.5
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	4	1.5
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	4	1.5
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	6	1.5
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	6	1.5
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	6	1.5
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	9	1.5
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	9	1.5
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	9	1.5
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG2	11	1.5
(1,865)	1:874:A:LEU:HD21	1:878:A:LYS:HG3	11	1.5
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG2	11	1.5
(1,865)	1:874:A:LEU:HD22	1:878:A:LYS:HG3	11	1.5
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG2	11	1.5
(1,865)	1:874:A:LEU:HD23	1:878:A:LYS:HG3	11	1.5
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	14	1.5
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	14	1.5
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	14	1.5
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	17	1.5
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	17	1.5
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	17	1.5
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	13	1.5
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	13	1.5
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	13	1.5
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	12	1.5
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	12	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	12	1.5
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	15	1.5
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	15	1.5
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	15	1.5
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	4	1.5
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	4	1.5
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	4	1.5
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	7	1.5
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	7	1.5
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	7	1.5
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	3	1.5
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	3	1.5
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	1	1.5
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	1	1.5
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	8	1.5
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	8	1.5
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	8	1.5
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	14	1.5
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	14	1.5
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	14	1.5
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	6	1.5
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	6	1.5
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	6	1.5
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	20	1.5
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	20	1.5
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	20	1.5
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	6	1.5
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	6	1.5
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	6	1.5
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	11	1.5
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	11	1.5
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	11	1.5
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	11	1.5
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	11	1.5
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	11	1.5
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	11	1.5
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	11	1.5
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	11	1.5
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD11	18	1.5
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD12	18	1.5
(1,686)	1:869:A:VAL:HG11	1:900:A:LEU:HD13	18	1.5
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD11	18	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD12	18	1.5
(1,686)	1:869:A:VAL:HG12	1:900:A:LEU:HD13	18	1.5
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD11	18	1.5
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD12	18	1.5
(1,686)	1:869:A:VAL:HG13	1:900:A:LEU:HD13	18	1.5
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	17	1.5
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	11	1.5
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	11	1.5
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	11	1.5
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	12	1.5
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	12	1.5
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	12	1.5
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	20	1.5
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	20	1.5
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	20	1.5
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	9	1.5
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	9	1.5
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	9	1.5
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	16	1.5
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	16	1.5
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	16	1.5
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	18	1.5
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	18	1.5
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	18	1.5
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	2	1.5
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	2	1.5
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	2	1.5
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	2	1.5
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	5	1.5
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	5	1.5
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	5	1.5
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	5	1.5
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD22	7	1.5
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD23	7	1.5
(1,624)	1:894:A:LYS:HB3	1:926:A:LEU:HD21	7	1.5
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	17	1.5
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	17	1.5
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	17	1.5
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	10	1.5
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	10	1.5
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD21	6	1.5
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD22	6	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,577)	1:886:A:LEU:H	1:886:A:LEU:HD23	6	1.5
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	4	1.5
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	11	1.5
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	11	1.5
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	11	1.5
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	14	1.5
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	14	1.5
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	14	1.5
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	13	1.5
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	13	1.5
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	13	1.5
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	5	1.5
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	5	1.5
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	5	1.5
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	2	1.5
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	2	1.5
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	2	1.5
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	10	1.5
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	10	1.5
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	10	1.5
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	16	1.5
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	16	1.5
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	16	1.5
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	7	1.5
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	13	1.5
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	13	1.5
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	13	1.5
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG11	15	1.5
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG12	15	1.5
(1,438)	1:869:A:VAL:HA	1:869:A:VAL:HG13	15	1.5
(1,430)	1:868:A:LEU:HD21	1:869:A:VAL:H	4	1.5
(1,430)	1:868:A:LEU:HD22	1:869:A:VAL:H	4	1.5
(1,430)	1:868:A:LEU:HD23	1:869:A:VAL:H	4	1.5
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	11	1.5
(1,380)	1:862:A:ILE:HA	1:869:A:VAL:HB	19	1.5
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	8	1.5
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	8	1.5
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	19	1.5
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	19	1.5
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	8	1.5
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	8	1.5
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	8	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	13	1.5
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	13	1.5
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	13	1.5
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	17	1.5
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	17	1.5
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	17	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	15	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	15	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	15	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	15	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	15	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	15	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	18	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	18	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	18	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	18	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	18	1.5
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	18	1.5
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	8	1.5
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	8	1.5
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	8	1.5
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	1	1.5
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	1	1.5
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	1	1.5
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	16	1.5
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	16	1.5
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	16	1.5
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	9	1.5
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	9	1.5
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	9	1.5
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	19	1.5
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	19	1.5
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	19	1.5
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	3	1.5
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	3	1.5
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	3	1.5
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	6	1.5
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	6	1.5
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	6	1.5
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	12	1.5
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	12	1.5
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	12	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	20	1.5
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	20	1.5
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	20	1.5
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	12	1.5
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	12	1.5
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	12	1.5
(1,159)	1:826:A:ALA:HA	1:861:A:LEU:HG	17	1.5
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	9	1.5
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	9	1.5
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	4	1.5
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	4	1.5
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	16	1.5
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	16	1.5
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	16	1.5
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	16	1.5
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	16	1.5
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	16	1.5
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	16	1.5
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	16	1.5
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	16	1.5
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	19	1.5
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	19	1.5
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	19	1.5
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	19	1.5
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	19	1.5
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	19	1.5
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	19	1.5
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	19	1.5
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	19	1.5
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	14	1.5
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	14	1.5
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	14	1.5
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	17	1.5
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	17	1.5
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	17	1.5
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	5	1.5
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	5	1.5
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	5	1.5
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	10	1.5
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	10	1.5
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	10	1.5
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	1	1.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	1	1.5
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	1	1.5
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	4	1.5
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	4	1.5
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	4	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	1	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	1	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	1	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	2	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	2	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	2	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	3	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	3	1.5
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	3	1.5
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	16	1.5
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	1	1.5
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	1	1.5
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	1	1.5
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	15	1.5
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	15	1.5
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	15	1.5
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	11	1.5
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	11	1.5
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	11	1.5
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	2	1.49
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	2	1.49
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	2	1.49
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	2	1.49
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	2	1.49
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	2	1.49
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	6	1.49
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	6	1.49
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	6	1.49
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	6	1.49
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	6	1.49
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	6	1.49
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	7	1.49
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	7	1.49
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	7	1.49
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	7	1.49
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	7	1.49
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	7	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	14	1.49
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	14	1.49
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	16	1.49
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	16	1.49
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	16	1.49
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	16	1.49
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	16	1.49
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	16	1.49
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	17	1.49
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	17	1.49
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	17	1.49
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	17	1.49
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	17	1.49
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	17	1.49
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	13	1.49
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	13	1.49
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	20	1.49
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	20	1.49
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	13	1.49
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	13	1.49
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	6	1.49
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	6	1.49
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	9	1.49
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	9	1.49
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD21	6	1.49
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD22	6	1.49
(1,3314)	1:884:A:MET:HG2	1:888:A:LEU:HD23	6	1.49
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD21	6	1.49
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD22	6	1.49
(1,3314)	1:884:A:MET:HG3	1:888:A:LEU:HD23	6	1.49
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	14	1.49
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	14	1.49
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	6	1.49
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	6	1.49
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	16	1.49
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	16	1.49
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	16	1.49
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	16	1.49
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	16	1.49
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	16	1.49
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD2	7	1.49
(1,3291)	1:878:A:LYS:HB3	1:878:A:LYS:HD3	7	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD2	7	1.49
(1,3291)	1:878:A:LYS:HB2	1:878:A:LYS:HD3	7	1.49
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	4	1.49
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	4	1.49
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	16	1.49
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	16	1.49
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	6	1.49
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	6	1.49
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	14	1.49
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	14	1.49
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	15	1.49
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	15	1.49
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD2	2	1.49
(1,3247)	1:864:A:LYS:H	1:866:A:PRO:HD3	2	1.49
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	5	1.49
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	5	1.49
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	5	1.49
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	5	1.49
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	5	1.49
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	5	1.49
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	16	1.49
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	16	1.49
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	16	1.49
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	11	1.49
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	11	1.49
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	20	1.49
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	20	1.49
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	15	1.49
(1,3206)	1:854:A:ILE:HG21	1:854:A:ILE:HG13	15	1.49
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	15	1.49
(1,3206)	1:854:A:ILE:HG22	1:854:A:ILE:HG13	15	1.49
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	15	1.49
(1,3206)	1:854:A:ILE:HG23	1:854:A:ILE:HG13	15	1.49
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	9	1.49
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	9	1.49
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	9	1.49
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	9	1.49
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	18	1.49
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	18	1.49
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	10	1.49
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	10	1.49
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	2	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	2	1.49
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	12	1.49
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	12	1.49
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	1	1.49
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	1	1.49
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	1	1.49
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	1	1.49
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	1	1.49
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	1	1.49
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	8	1.49
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	8	1.49
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	8	1.49
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	8	1.49
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	19	1.49
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	19	1.49
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	11	1.49
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	11	1.49
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG12	20	1.49
(1,3068)	1:809:A:PHE:HZ	1:813:A:ILE:HG13	20	1.49
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	2	1.49
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	2	1.49
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	2	1.49
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	1	1.49
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	1	1.49
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	1	1.49
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	19	1.49
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	19	1.49
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	19	1.49
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	15	1.49
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	1	1.49
(1,2967)	1:804:A:ASN:H	1:808:A:GLU:HB2	18	1.49
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	17	1.49
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	20	1.49
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	1	1.49
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	1	1.49
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	1	1.49
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	11	1.49
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	17	1.49
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	1	1.49
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	1	1.49
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	1	1.49
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	8	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	8	1.49
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	8	1.49
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	7	1.49
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	7	1.49
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	7	1.49
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	15	1.49
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	15	1.49
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	12	1.49
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	12	1.49
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	12	1.49
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	14	1.49
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	14	1.49
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	14	1.49
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	20	1.49
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	20	1.49
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	20	1.49
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	13	1.49
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	13	1.49
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	13	1.49
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	20	1.49
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	20	1.49
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	20	1.49
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	17	1.49
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	17	1.49
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	17	1.49
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	4	1.49
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	4	1.49
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	4	1.49
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	12	1.49
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	12	1.49
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	12	1.49
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	19	1.49
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	17	1.49
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	17	1.49
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	17	1.49
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	11	1.49
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	11	1.49
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	11	1.49
(1,2686)	1:858:A:LYS:H	1:858:A:LYS:HG3	9	1.49
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	8	1.49
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	8	1.49
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	18	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	18	1.49
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	1	1.49
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	1	1.49
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	1	1.49
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	12	1.49
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	12	1.49
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	12	1.49
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	12	1.49
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	12	1.49
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	12	1.49
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	15	1.49
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	15	1.49
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	15	1.49
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	15	1.49
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	15	1.49
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	15	1.49
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	12	1.49
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	12	1.49
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	12	1.49
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD11	6	1.49
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD12	6	1.49
(1,2601)	1:912:A:PHE:HE1	1:914:A:LEU:HD13	6	1.49
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD11	6	1.49
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD12	6	1.49
(1,2601)	1:912:A:PHE:HE2	1:914:A:LEU:HD13	6	1.49
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	20	1.49
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	20	1.49
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	20	1.49
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	1	1.49
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	1	1.49
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	14	1.49
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	14	1.49
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	1	1.49
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	1	1.49
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	12	1.49
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	12	1.49
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	6	1.49
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	17	1.49
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	17	1.49
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	7	1.49
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	7	1.49
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	7	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	14	1.49
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	14	1.49
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	14	1.49
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	15	1.49
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	16	1.49
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	20	1.49
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	1	1.49
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	1	1.49
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	5	1.49
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	5	1.49
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	12	1.49
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	12	1.49
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	19	1.49
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	19	1.49
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	8	1.49
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	6	1.49
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	6	1.49
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	16	1.49
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	16	1.49
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	3	1.49
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	3	1.49
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	16	1.49
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	16	1.49
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	8	1.49
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	8	1.49
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	8	1.49
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	12	1.49
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	12	1.49
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	12	1.49
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	12	1.49
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	12	1.49
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	12	1.49
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	18	1.49
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	18	1.49
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	18	1.49
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	18	1.49
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	18	1.49
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	18	1.49
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	15	1.49
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	15	1.49
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	5	1.49
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	5	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	6	1.49
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	6	1.49
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	6	1.49
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	6	1.49
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	6	1.49
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	6	1.49
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	15	1.49
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	15	1.49
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	15	1.49
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	15	1.49
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	15	1.49
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	15	1.49
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	9	1.49
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	9	1.49
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	9	1.49
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	9	1.49
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	9	1.49
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	9	1.49
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	10	1.49
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	10	1.49
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	10	1.49
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	10	1.49
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	10	1.49
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	10	1.49
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	3	1.49
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	3	1.49
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	20	1.49
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	20	1.49
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	17	1.49
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	17	1.49
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	17	1.49
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	1	1.49
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	1	1.49
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	6	1.49
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	6	1.49
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	9	1.49
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	9	1.49
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	18	1.49
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	18	1.49
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	19	1.49
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	19	1.49
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	19	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	19	1.49
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	12	1.49
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	12	1.49
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	5	1.49
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	5	1.49
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	12	1.49
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	12	1.49
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	12	1.49
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	14	1.49
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	14	1.49
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	14	1.49
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	5	1.49
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	8	1.49
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	8	1.49
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	5	1.49
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	5	1.49
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	10	1.49
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	8	1.49
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	8	1.49
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	8	1.49
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	10	1.49
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	10	1.49
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	10	1.49
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	14	1.49
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	14	1.49
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	4	1.49
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	4	1.49
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	1	1.49
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	1	1.49
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	16	1.49
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	16	1.49
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	1	1.49
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	15	1.49
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	15	1.49
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	12	1.49
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	12	1.49
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	4	1.49
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	2	1.49
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	2	1.49
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	4	1.49
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	4	1.49
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	4	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	10	1.49
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	10	1.49
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	10	1.49
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	19	1.49
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	19	1.49
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	19	1.49
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	5	1.49
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	5	1.49
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	7	1.49
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	7	1.49
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	7	1.49
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	7	1.49
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	7	1.49
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	1	1.49
(1,1668)	1:876:A:LEU:H	1:876:A:LEU:HB3	9	1.49
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	6	1.49
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	3	1.49
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	3	1.49
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	3	1.49
(1,1595)	1:871:A:GLN:HB2	1:871:A:GLN:HE21	1	1.49
(1,1595)	1:871:A:GLN:HB3	1:871:A:GLN:HE21	1	1.49
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	2	1.49
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	2	1.49
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	3	1.49
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	3	1.49
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	3	1.49
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	8	1.49
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	8	1.49
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	8	1.49
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	12	1.49
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	12	1.49
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	12	1.49
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	18	1.49
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	2	1.49
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	2	1.49
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	2	1.49
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	7	1.49
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	7	1.49
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	7	1.49
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	18	1.49
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	1	1.49
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	1	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	1	1.49
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	9	1.49
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	9	1.49
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	9	1.49
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	11	1.49
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	11	1.49
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	11	1.49
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	7	1.49
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	7	1.49
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	7	1.49
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	9	1.49
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	9	1.49
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	9	1.49
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	16	1.49
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	16	1.49
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	16	1.49
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	17	1.49
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	17	1.49
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	17	1.49
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	2	1.49
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	2	1.49
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	2	1.49
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	2	1.49
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	2	1.49
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	9	1.49
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	9	1.49
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	9	1.49
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	15	1.49
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	15	1.49
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	15	1.49
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	14	1.49
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	14	1.49
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	7	1.49
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	7	1.49
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	9	1.49
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	9	1.49
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	15	1.49
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	15	1.49
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	16	1.49
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	16	1.49
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	6	1.49
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	6	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	5	1.49
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	5	1.49
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	5	1.49
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	2	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	1	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	1	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	1	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	1	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	1	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	1	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	7	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	7	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	7	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	7	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	7	1.49
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	7	1.49
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	14	1.49
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	14	1.49
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	14	1.49
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	9	1.49
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	9	1.49
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	9	1.49
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	3	1.49
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	3	1.49
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	3	1.49
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	14	1.49
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	14	1.49
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	14	1.49
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	5	1.49
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	5	1.49
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	5	1.49
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	1	1.49
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	1	1.49
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	1	1.49
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	11	1.49
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	11	1.49
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	11	1.49
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	17	1.49
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	17	1.49
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	17	1.49
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	13	1.49
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	14	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	3	1.49
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	3	1.49
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	3	1.49
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	9	1.49
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	9	1.49
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	9	1.49
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	1	1.49
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	1	1.49
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	19	1.49
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	19	1.49
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	17	1.49
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	17	1.49
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	17	1.49
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	1	1.49
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	16	1.49
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	16	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	4	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	4	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	4	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	7	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	7	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	7	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	10	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	10	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	10	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	19	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	19	1.49
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	19	1.49
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	14	1.49
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	14	1.49
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	14	1.49
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	18	1.49
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	18	1.49
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	18	1.49
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	8	1.49
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	17	1.49
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	9	1.49
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	5	1.49
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	5	1.49
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	5	1.49
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	10	1.49
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	10	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	10	1.49
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	2	1.49
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	2	1.49
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	17	1.49
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	17	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	1	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	1	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	1	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	3	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	3	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	3	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	12	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	12	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	12	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	13	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	13	1.49
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	13	1.49
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	4	1.49
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	4	1.49
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	4	1.49
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	12	1.49
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	12	1.49
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	12	1.49
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	13	1.49
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	13	1.49
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	13	1.49
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	15	1.49
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	15	1.49
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	15	1.49
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	3	1.49
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	3	1.49
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	3	1.49
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	3	1.49
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	3	1.49
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	3	1.49
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	3	1.49
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	3	1.49
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	3	1.49
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	7	1.49
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	7	1.49
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	7	1.49
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	8	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	8	1.49
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	8	1.49
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	8	1.49
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	8	1.49
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	8	1.49
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	4	1.49
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	2	1.49
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	2	1.49
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	2	1.49
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	7	1.49
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	7	1.49
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	7	1.49
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	17	1.49
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	17	1.49
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	17	1.49
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	13	1.49
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	13	1.49
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	13	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	13	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	13	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	13	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	13	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	13	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	13	1.49
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	16	1.49
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	16	1.49
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	16	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	16	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	16	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	16	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	16	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	16	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	16	1.49
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	18	1.49
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	18	1.49
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	18	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	18	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	18	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	18	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	18	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	18	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	18	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	20	1.49
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	20	1.49
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	20	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	20	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	20	1.49
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	20	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	20	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	20	1.49
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	20	1.49
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	8	1.49
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	8	1.49
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	8	1.49
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	18	1.49
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	18	1.49
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	18	1.49
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	11	1.49
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	11	1.49
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	11	1.49
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	6	1.49
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	6	1.49
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	6	1.49
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	12	1.49
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	12	1.49
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	12	1.49
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	10	1.49
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	10	1.49
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	3	1.49
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	3	1.49
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	3	1.49
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	10	1.49
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	10	1.49
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	10	1.49
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	1	1.49
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	1	1.49
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	1	1.49
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	1	1.49
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	1	1.49
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	1	1.49
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	1	1.49
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	1	1.49
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	1	1.49
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	12	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	12	1.49
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	12	1.49
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	12	1.49
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	12	1.49
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	12	1.49
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	12	1.49
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	12	1.49
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	12	1.49
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD21	18	1.49
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD22	18	1.49
(1,485)	1:874:A:LEU:HB3	1:920:A:LEU:HD23	18	1.49
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	12	1.49
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	12	1.49
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	12	1.49
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	16	1.49
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	2	1.49
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	2	1.49
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	2	1.49
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	15	1.49
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	15	1.49
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	2	1.49
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	2	1.49
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	2	1.49
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	3	1.49
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	3	1.49
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	3	1.49
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	8	1.49
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	5	1.49
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	5	1.49
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	5	1.49
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	5	1.49
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	5	1.49
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	5	1.49
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	19	1.49
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	19	1.49
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	19	1.49
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	19	1.49
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	19	1.49
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	19	1.49
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	7	1.49
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	11	1.49
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	11	1.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	11	1.49
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	17	1.49
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	17	1.49
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	17	1.49
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	5	1.49
(1,176)	1:813:A:ILE:HD11	1:828:A:LEU:HB2	16	1.49
(1,176)	1:813:A:ILE:HD12	1:828:A:LEU:HB2	16	1.49
(1,176)	1:813:A:ILE:HD13	1:828:A:LEU:HB2	16	1.49
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	2	1.49
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	2	1.49
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	2	1.49
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	3	1.49
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	13	1.49
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	3	1.49
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	3	1.49
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	3	1.49
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	3	1.49
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	3	1.49
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	3	1.49
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	18	1.49
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	18	1.49
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	1	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	1	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	1	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	1	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	1	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	1	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	4	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	4	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	4	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	4	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	4	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	4	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	9	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	9	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	9	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	9	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	9	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	9	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	11	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	11	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	11	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	11	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	11	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	11	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	13	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	13	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	13	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	13	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	13	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	13	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	14	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	14	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	14	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	14	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	14	1.48
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	14	1.48
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	8	1.48
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	8	1.48
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	9	1.48
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	9	1.48
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	2	1.48
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	2	1.48
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	2	1.48
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	2	1.48
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	2	1.48
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	2	1.48
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	6	1.48
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	6	1.48
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	6	1.48
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	6	1.48
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	6	1.48
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	6	1.48
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG2	18	1.48
(1,3376)	1:919:A:ALA:HA	1:922:A:ARG:HG3	18	1.48
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	8	1.48
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	8	1.48
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	9	1.48
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	9	1.48
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	9	1.48
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	9	1.48
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	9	1.48
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	9	1.48
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	19	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	19	1.48
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	19	1.48
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	19	1.48
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	19	1.48
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	19	1.48
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	6	1.48
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	6	1.48
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	4	1.48
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	4	1.48
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	14	1.48
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	14	1.48
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	18	1.48
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	18	1.48
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	4	1.48
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	4	1.48
(1,3360)	1:909:A:ASN:HB2	1:912:A:PHE:H	14	1.48
(1,3360)	1:909:A:ASN:HB3	1:912:A:PHE:H	14	1.48
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	7	1.48
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	7	1.48
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	9	1.48
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	9	1.48
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	3	1.48
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	3	1.48
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	4	1.48
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	4	1.48
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	4	1.48
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	4	1.48
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	6	1.48
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	6	1.48
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	6	1.48
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	6	1.48
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	6	1.48
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	6	1.48
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	8	1.48
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	8	1.48
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	15	1.48
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	15	1.48
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	14	1.48
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	14	1.48
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	14	1.48
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	14	1.48
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	14	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	14	1.48
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	13	1.48
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	13	1.48
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	2	1.48
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	2	1.48
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	2	1.48
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	2	1.48
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	6	1.48
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	6	1.48
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	13	1.48
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	13	1.48
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	13	1.48
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	13	1.48
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	13	1.48
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	13	1.48
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	15	1.48
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	15	1.48
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	15	1.48
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	15	1.48
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	15	1.48
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	15	1.48
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	20	1.48
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	20	1.48
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	11	1.48
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	11	1.48
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	2	1.48
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	2	1.48
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	16	1.48
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	16	1.48
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	16	1.48
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	16	1.48
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	16	1.48
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	16	1.48
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	7	1.48
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	7	1.48
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	6	1.48
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	6	1.48
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	6	1.48
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	6	1.48
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	6	1.48
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	6	1.48
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	7	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	7	1.48
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	4	1.48
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	4	1.48
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	12	1.48
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	12	1.48
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	12	1.48
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	19	1.48
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	19	1.48
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	19	1.48
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	9	1.48
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	9	1.48
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	4	1.48
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	4	1.48
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	4	1.48
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	6	1.48
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	16	1.48
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	16	1.48
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	8	1.48
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	8	1.48
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	8	1.48
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	7	1.48
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	7	1.48
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	7	1.48
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	1	1.48
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	19	1.48
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	19	1.48
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	7	1.48
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	7	1.48
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	7	1.48
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	15	1.48
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	15	1.48
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	7	1.48
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	7	1.48
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	7	1.48
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	9	1.48
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	9	1.48
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	9	1.48
(1,2742)	1:914:A:LEU:HA	1:917:A:ILE:HG13	4	1.48
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	13	1.48
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	8	1.48
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	8	1.48
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	16	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	6	1.48
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	6	1.48
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	19	1.48
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	19	1.48
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	4	1.48
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	8	1.48
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	15	1.48
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	18	1.48
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	3	1.48
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	16	1.48
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	13	1.48
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	7	1.48
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	5	1.48
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	1	1.48
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	1	1.48
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	1	1.48
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	11	1.48
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	11	1.48
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	11	1.48
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	2	1.48
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	19	1.48
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	19	1.48
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	19	1.48
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	1	1.48
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	1	1.48
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	1	1.48
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	3	1.48
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	3	1.48
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	3	1.48
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	5	1.48
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	5	1.48
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	5	1.48
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	15	1.48
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	15	1.48
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	15	1.48
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	5	1.48
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	5	1.48
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	5	1.48
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	17	1.48
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	17	1.48
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	17	1.48
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	9	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	9	1.48
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	9	1.48
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	9	1.48
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	9	1.48
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	9	1.48
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	16	1.48
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	16	1.48
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	16	1.48
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	14	1.48
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	14	1.48
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	15	1.48
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	15	1.48
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	3	1.48
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	3	1.48
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	3	1.48
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	19	1.48
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	19	1.48
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	19	1.48
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	2	1.48
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	3	1.48
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	12	1.48
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	2	1.48
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	15	1.48
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	9	1.48
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	9	1.48
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	17	1.48
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	17	1.48
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	4	1.48
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	4	1.48
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	18	1.48
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	18	1.48
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	2	1.48
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	2	1.48
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	2	1.48
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	2	1.48
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	8	1.48
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	8	1.48
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	8	1.48
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	8	1.48
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	12	1.48
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	12	1.48
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	12	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	12	1.48
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	8	1.48
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	8	1.48
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	1	1.48
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	19	1.48
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	19	1.48
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	3	1.48
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	6	1.48
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	13	1.48
(1,2469)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	13	1.48
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	17	1.48
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	17	1.48
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	9	1.48
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	9	1.48
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	8	1.48
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	8	1.48
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	5	1.48
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	5	1.48
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	5	1.48
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	5	1.48
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	5	1.48
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	5	1.48
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	17	1.48
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	17	1.48
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	3	1.48
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	3	1.48
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	3	1.48
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	3	1.48
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	3	1.48
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	3	1.48
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	7	1.48
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	7	1.48
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	7	1.48
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	7	1.48
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	7	1.48
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	7	1.48
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	17	1.48
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	17	1.48
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	17	1.48
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	17	1.48
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	17	1.48
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	17	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	11	1.48
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	11	1.48
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	9	1.48
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	9	1.48
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	9	1.48
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	9	1.48
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	9	1.48
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	9	1.48
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	20	1.48
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	20	1.48
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	20	1.48
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	20	1.48
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	20	1.48
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	20	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	4	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	4	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	4	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	4	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	4	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	4	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	11	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	11	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	11	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	11	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	11	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	11	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	13	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	13	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	13	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	13	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	13	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	13	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	15	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	15	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	15	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	15	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	15	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	15	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	16	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	16	1.48
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	16	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	16	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	16	1.48
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	16	1.48
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	5	1.48
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	5	1.48
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	6	1.48
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD21	3	1.48
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD22	3	1.48
(1,2261)	1:901:A:PHE:HZ	1:920:A:LEU:HD23	3	1.48
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	5	1.48
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	5	1.48
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	5	1.48
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	11	1.48
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	11	1.48
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	11	1.48
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	19	1.48
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	19	1.48
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	19	1.48
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	1	1.48
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	1	1.48
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	1	1.48
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	18	1.48
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	18	1.48
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	18	1.48
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	17	1.48
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	17	1.48
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	16	1.48
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	16	1.48
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	16	1.48
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	10	1.48
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	10	1.48
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	15	1.48
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	15	1.48
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	17	1.48
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	17	1.48
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	3	1.48
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	3	1.48
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	3	1.48
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	13	1.48
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	13	1.48
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	13	1.48
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	1	1.48
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	1	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	1	1.48
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	20	1.48
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	20	1.48
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	20	1.48
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	4	1.48
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	4	1.48
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	16	1.48
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	16	1.48
(1,1954)	1:900:A:LEU:HD11	1:901:A:PHE:H	12	1.48
(1,1954)	1:900:A:LEU:HD12	1:901:A:PHE:H	12	1.48
(1,1954)	1:900:A:LEU:HD13	1:901:A:PHE:H	12	1.48
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	19	1.48
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	19	1.48
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	19	1.48
(1,1919)	1:898:A:GLU:HB2	1:899:A:GLN:HE22	12	1.48
(1,1919)	1:898:A:GLU:HB3	1:899:A:GLN:HE22	12	1.48
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	10	1.48
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	2	1.48
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	2	1.48
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	10	1.48
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	10	1.48
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	2	1.48
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	2	1.48
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	2	1.48
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	16	1.48
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	16	1.48
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	16	1.48
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	19	1.48
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	19	1.48
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	19	1.48
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	7	1.48
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	1	1.48
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	3	1.48
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	8	1.48
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	3	1.48
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	3	1.48
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	9	1.48
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	9	1.48
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	9	1.48
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	1	1.48
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	1	1.48
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	1	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	7	1.48
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	7	1.48
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	5	1.48
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	5	1.48
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	11	1.48
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	11	1.48
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	7	1.48
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	7	1.48
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	16	1.48
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	16	1.48
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	16	1.48
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	15	1.48
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	15	1.48
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	15	1.48
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	15	1.48
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	15	1.48
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	4	1.48
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	4	1.48
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	4	1.48
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	14	1.48
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	14	1.48
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	14	1.48
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	11	1.48
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	11	1.48
(1,1613)	1:871:A:GLN:HB2	1:872:A:HIS:H	3	1.48
(1,1613)	1:871:A:GLN:HB3	1:872:A:HIS:H	3	1.48
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	2	1.48
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	13	1.48
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	13	1.48
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	13	1.48
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	15	1.48
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	15	1.48
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	15	1.48
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	19	1.48
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	19	1.48
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	19	1.48
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	3	1.48
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	3	1.48
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	3	1.48
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	19	1.48
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	4	1.48
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	4	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	5	1.48
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	11	1.48
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	11	1.48
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	11	1.48
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	6	1.48
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	8	1.48
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	8	1.48
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	10	1.48
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	6	1.48
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	6	1.48
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	9	1.48
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	18	1.48
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	18	1.48
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	18	1.48
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	3	1.48
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	3	1.48
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	3	1.48
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	10	1.48
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	10	1.48
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	10	1.48
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	15	1.48
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	15	1.48
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	15	1.48
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	14	1.48
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	14	1.48
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	14	1.48
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	2	1.48
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	4	1.48
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	14	1.48
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	16	1.48
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	17	1.48
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	17	1.48
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	17	1.48
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	12	1.48
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	12	1.48
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	12	1.48
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	8	1.48
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	8	1.48
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	8	1.48
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	12	1.48
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	15	1.48
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	15	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	15	1.48
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	19	1.48
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	19	1.48
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	2	1.48
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	2	1.48
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	5	1.48
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	5	1.48
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	5	1.48
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	5	1.48
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	5	1.48
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	5	1.48
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	8	1.48
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	8	1.48
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	2	1.48
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	7	1.48
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	9	1.48
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	9	1.48
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	9	1.48
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	16	1.48
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	16	1.48
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	6	1.48
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	10	1.48
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	6	1.48
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	6	1.48
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	6	1.48
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	9	1.48
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	9	1.48
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	1	1.48
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	1	1.48
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	19	1.48
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	19	1.48
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	18	1.48
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB2	8	1.48
(1,869)	1:868:A:LEU:HA	1:871:A:GLN:HB3	8	1.48
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	7	1.48
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	7	1.48
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	7	1.48
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	13	1.48
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	13	1.48
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	13	1.48
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	18	1.48
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	18	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	18	1.48
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	11	1.48
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	11	1.48
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	11	1.48
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	16	1.48
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	16	1.48
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	16	1.48
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	9	1.48
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	9	1.48
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	11	1.48
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	11	1.48
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	20	1.48
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	20	1.48
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	18	1.48
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	18	1.48
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	5	1.48
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	5	1.48
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	5	1.48
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	15	1.48
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	15	1.48
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	15	1.48
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	1	1.48
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	1	1.48
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	1	1.48
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	16	1.48
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	13	1.48
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	13	1.48
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	13	1.48
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	17	1.48
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	17	1.48
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	17	1.48
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	3	1.48
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	3	1.48
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	3	1.48
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	15	1.48
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	15	1.48
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	15	1.48
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	11	1.48
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	11	1.48
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	11	1.48
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	11	1.48
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	11	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	11	1.48
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	4	1.48
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	4	1.48
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	4	1.48
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	8	1.48
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	8	1.48
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	8	1.48
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	6	1.48
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	11	1.48
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	1	1.48
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	1	1.48
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	1	1.48
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	15	1.48
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	15	1.48
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	15	1.48
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	9	1.48
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	9	1.48
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	9	1.48
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	9	1.48
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	20	1.48
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	20	1.48
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	20	1.48
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	20	1.48
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	14	1.48
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	14	1.48
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	14	1.48
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	5	1.48
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	5	1.48
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	5	1.48
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	5	1.48
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	5	1.48
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	5	1.48
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	5	1.48
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	5	1.48
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	5	1.48
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	8	1.48
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	8	1.48
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	8	1.48
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	8	1.48
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	8	1.48
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	8	1.48
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	8	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	8	1.48
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	8	1.48
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD11	12	1.48
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD12	12	1.48
(1,598)	1:862:A:ILE:HD11	1:904:A:LEU:HD13	12	1.48
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD11	12	1.48
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD12	12	1.48
(1,598)	1:862:A:ILE:HD12	1:904:A:LEU:HD13	12	1.48
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD11	12	1.48
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD12	12	1.48
(1,598)	1:862:A:ILE:HD13	1:904:A:LEU:HD13	12	1.48
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	11	1.48
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	11	1.48
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	11	1.48
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	1	1.48
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	1	1.48
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	1	1.48
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	9	1.48
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	9	1.48
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	9	1.48
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	15	1.48
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	15	1.48
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	15	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	3	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	3	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	3	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	3	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	3	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	3	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	3	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	3	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	3	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	4	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	4	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	4	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	4	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	4	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	4	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	4	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	4	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	4	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	5	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	5	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	5	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	5	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	5	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	5	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	5	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	5	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	5	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	7	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	7	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	7	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	7	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	7	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	7	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	7	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	7	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	7	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	8	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	8	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	8	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	8	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	8	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	8	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	8	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	8	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	8	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	10	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	10	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	10	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	10	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	10	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	10	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	10	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	10	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	10	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	11	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	11	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	11	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	11	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	11	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	11	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	11	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	11	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	11	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	13	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	13	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	13	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	13	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	13	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	13	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	13	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	13	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	13	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	15	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	15	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	15	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	15	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	15	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	15	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	15	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	15	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	15	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	16	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	16	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	16	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	16	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	16	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	16	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	16	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	16	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	16	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	18	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	18	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	18	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	18	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	18	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	18	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	18	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	18	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	18	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	19	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	19	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	19	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	19	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	19	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	19	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	19	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	19	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	19	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	20	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	20	1.48
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	20	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	20	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	20	1.48
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	20	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	20	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	20	1.48
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	20	1.48
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	7	1.48
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	7	1.48
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	7	1.48
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	10	1.48
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	10	1.48
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	10	1.48
(1,398)	1:862:A:ILE:HD11	1:866:A:PRO:HB3	4	1.48
(1,398)	1:862:A:ILE:HD12	1:866:A:PRO:HB3	4	1.48
(1,398)	1:862:A:ILE:HD13	1:866:A:PRO:HB3	4	1.48
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	13	1.48
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	15	1.48
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	13	1.48
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	13	1.48
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	13	1.48
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	1	1.48
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	1	1.48
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	11	1.48
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	11	1.48
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	7	1.48
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	7	1.48
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	7	1.48
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	17	1.48
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	17	1.48
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	17	1.48
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	20	1.48
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	20	1.48
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	20	1.48
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	3	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	3	1.48
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	3	1.48
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	16	1.48
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	16	1.48
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	16	1.48
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	14	1.48
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	14	1.48
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	14	1.48
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	14	1.48
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	14	1.48
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	14	1.48
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	20	1.48
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	20	1.48
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	20	1.48
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	11	1.48
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	13	1.48
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	4	1.48
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	4	1.48
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	4	1.48
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	4	1.48
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	4	1.48
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	4	1.48
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	7	1.48
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	7	1.48
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	7	1.48
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	14	1.48
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	14	1.48
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	14	1.48
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	1	1.48
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	1	1.48
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	1	1.48
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	16	1.48
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	16	1.48
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	16	1.48
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	4	1.48
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	4	1.48
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	4	1.48
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	4	1.48
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	4	1.48
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	4	1.48
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	8	1.48
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	8	1.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	8	1.48
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	18	1.48
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	18	1.48
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	18	1.48
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	1	1.48
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	1	1.48
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	7	1.48
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	7	1.48
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	12	1.48
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	12	1.48
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	20	1.48
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	16	1.48
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	12	1.48
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	12	1.48
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	12	1.48
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	17	1.48
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	17	1.48
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	17	1.48
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	13	1.48
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	13	1.48
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	13	1.48
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	7	1.48
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	7	1.48
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	7	1.48
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	8	1.48
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	8	1.48
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	8	1.48
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	15	1.48
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	15	1.48
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	15	1.48
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	15	1.48
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	15	1.48
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	15	1.48
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	11	1.48
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	11	1.48
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	11	1.48
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	3	1.47
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	3	1.47
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	3	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	3	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	3	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	10	1.47
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	10	1.47
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	10	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	10	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	10	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	10	1.47
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	19	1.47
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	19	1.47
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	19	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	19	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	19	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	19	1.47
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	20	1.47
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	20	1.47
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	20	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	20	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	20	1.47
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	20	1.47
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD21	13	1.47
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD22	13	1.47
(1,3379)	1:920:A:LEU:HB2	1:920:A:LEU:HD23	13	1.47
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD21	13	1.47
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD22	13	1.47
(1,3379)	1:920:A:LEU:HB3	1:920:A:LEU:HD23	13	1.47
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	20	1.47
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	20	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	8	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	8	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	8	1.47
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	8	1.47
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	8	1.47
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	8	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	10	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	10	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	10	1.47
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	10	1.47
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	10	1.47
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	10	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	13	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	13	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	13	1.47
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	13	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	13	1.47
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	13	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	16	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	16	1.47
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	16	1.47
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	16	1.47
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	16	1.47
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	16	1.47
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	1	1.47
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	1	1.47
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	2	1.47
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	2	1.47
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	3	1.47
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	3	1.47
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	8	1.47
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	8	1.47
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	6	1.47
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	6	1.47
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	15	1.47
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	15	1.47
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	17	1.47
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	17	1.47
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	17	1.47
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	17	1.47
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	4	1.47
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	4	1.47
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	4	1.47
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	4	1.47
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	2	1.47
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	2	1.47
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	9	1.47
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	9	1.47
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	4	1.47
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	4	1.47
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	4	1.47
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	4	1.47
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	10	1.47
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	10	1.47
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	12	1.47
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	12	1.47
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	12	1.47
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	12	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	12	1.47
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	12	1.47
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG2	15	1.47
(1,3244)	1:862:A:ILE:HG21	1:866:A:PRO:HG3	15	1.47
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG2	15	1.47
(1,3244)	1:862:A:ILE:HG22	1:866:A:PRO:HG3	15	1.47
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG2	15	1.47
(1,3244)	1:862:A:ILE:HG23	1:866:A:PRO:HG3	15	1.47
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	8	1.47
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	8	1.47
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	2	1.47
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	2	1.47
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	8	1.47
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	8	1.47
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	11	1.47
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	11	1.47
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	15	1.47
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	15	1.47
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	13	1.47
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	13	1.47
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	8	1.47
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	8	1.47
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	20	1.47
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	20	1.47
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG2	8	1.47
(1,3018)	1:795:A:MET:H	1:795:A:MET:HG3	8	1.47
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	2	1.47
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	2	1.47
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	14	1.47
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	14	1.47
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	6	1.47
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	6	1.47
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	6	1.47
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	13	1.47
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	1	1.47
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	7	1.47
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	7	1.47
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	7	1.47
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	18	1.47
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	18	1.47
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	18	1.47
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	8	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	8	1.47
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	8	1.47
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	11	1.47
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	11	1.47
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	11	1.47
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	4	1.47
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	4	1.47
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	7	1.47
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	7	1.47
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	11	1.47
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	11	1.47
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	3	1.47
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	3	1.47
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	3	1.47
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	10	1.47
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	10	1.47
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	10	1.47
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD21	17	1.47
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD22	17	1.47
(1,2752)	1:826:A:ALA:HA	1:861:A:LEU:HD23	17	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	2	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	2	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	2	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	6	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	6	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	6	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	8	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	8	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	8	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	14	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	14	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	14	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	17	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	17	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	17	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	19	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	19	1.47
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	19	1.47
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	14	1.47
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	20	1.47
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	7	1.47
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	7	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	3	1.47
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	6	1.47
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	1	1.47
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	5	1.47
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	15	1.47
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	5	1.47
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	5	1.47
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	5	1.47
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	9	1.47
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	9	1.47
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	9	1.47
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	9	1.47
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	6	1.47
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	6	1.47
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	6	1.47
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	6	1.47
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	6	1.47
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	6	1.47
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	20	1.47
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	20	1.47
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	20	1.47
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	3	1.47
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	3	1.47
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	3	1.47
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	12	1.47
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	12	1.47
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	12	1.47
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	18	1.47
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	18	1.47
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	18	1.47
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD13	8	1.47
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD11	8	1.47
(1,2606)	1:850:A:PHE:HD1	1:876:A:LEU:HD12	8	1.47
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD13	8	1.47
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD11	8	1.47
(1,2606)	1:850:A:PHE:HD2	1:876:A:LEU:HD12	8	1.47
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	7	1.47
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	7	1.47
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	7	1.47
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	3	1.47
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	3	1.47
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	7	1.47
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	1	1.47
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	1	1.47
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	7	1.47
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	7	1.47
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE1	2	1.47
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE2	2	1.47
(1,2537)	1:882:A:PHE:H	1:885:A:MET:HE3	2	1.47
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	7	1.47
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	3	1.47
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	16	1.47
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	20	1.47
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	19	1.47
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	19	1.47
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	18	1.47
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	18	1.47
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	17	1.47
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	17	1.47
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	1	1.47
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	1	1.47
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	10	1.47
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	10	1.47
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	14	1.47
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	14	1.47
(1,2461)	1:901:A:PHE:HE2	1:924:A:TYR:HB2	18	1.47
(1,2461)	1:901:A:PHE:HE1	1:924:A:TYR:HB2	18	1.47
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	2	1.47
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	2	1.47
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	6	1.47
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	6	1.47
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	2	1.47
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	2	1.47
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	17	1.47
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD1	17	1.47
(1,2411)	1:806:A:ALA:HA	1:840:A:PHE:HD2	17	1.47
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	11	1.47
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	11	1.47
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	11	1.47
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	10	1.47
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	10	1.47
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	20	1.47
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	20	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	20	1.47
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	20	1.47
(1,2361)	1:857:A:LEU:HD21	1:872:A:HIS:HD2	11	1.47
(1,2361)	1:857:A:LEU:HD22	1:872:A:HIS:HD2	11	1.47
(1,2361)	1:857:A:LEU:HD23	1:872:A:HIS:HD2	11	1.47
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	6	1.47
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	6	1.47
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	10	1.47
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	10	1.47
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	10	1.47
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	10	1.47
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	10	1.47
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	10	1.47
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	11	1.47
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	11	1.47
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	11	1.47
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	11	1.47
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	11	1.47
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	11	1.47
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	14	1.47
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	14	1.47
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	14	1.47
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	14	1.47
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	14	1.47
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	14	1.47
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	19	1.47
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	19	1.47
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	3	1.47
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	3	1.47
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	3	1.47
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	3	1.47
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	6	1.47
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	6	1.47
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	17	1.47
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	17	1.47
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	17	1.47
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	17	1.47
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	17	1.47
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	17	1.47
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	18	1.47
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	18	1.47
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	4	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	4	1.47
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	4	1.47
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	4	1.47
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	4	1.47
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	4	1.47
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	2	1.47
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	2	1.47
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	2	1.47
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	2	1.47
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	2	1.47
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	2	1.47
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	6	1.47
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	6	1.47
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	6	1.47
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	6	1.47
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	6	1.47
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	6	1.47
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	17	1.47
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	17	1.47
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	17	1.47
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	17	1.47
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	17	1.47
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	17	1.47
(1,2241)	1:924:A:TYR:HE1	1:924:A:TYR:HH	5	1.47
(1,2241)	1:924:A:TYR:HE2	1:924:A:TYR:HH	5	1.47
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	12	1.47
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	6	1.47
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	20	1.47
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	3	1.47
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	3	1.47
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	8	1.47
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	8	1.47
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	8	1.47
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	4	1.47
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	4	1.47
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB2	14	1.47
(1,2031)	1:911:A:HIS:H	1:911:A:HIS:HB3	14	1.47
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	11	1.47
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	11	1.47
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	10	1.47
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	19	1.47
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	19	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	19	1.47
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	5	1.47
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	5	1.47
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	18	1.47
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	18	1.47
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	3	1.47
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	3	1.47
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	2	1.47
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	5	1.47
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	5	1.47
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	10	1.47
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	10	1.47
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	20	1.47
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	20	1.47
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	8	1.47
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	8	1.47
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	8	1.47
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	6	1.47
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	6	1.47
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	6	1.47
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	9	1.47
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	9	1.47
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	9	1.47
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	8	1.47
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	8	1.47
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	15	1.47
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	15	1.47
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	16	1.47
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	16	1.47
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	16	1.47
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	18	1.47
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	18	1.47
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	18	1.47
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	7	1.47
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	7	1.47
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	7	1.47
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	13	1.47
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	13	1.47
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	13	1.47
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	17	1.47
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	17	1.47
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	17	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	4	1.47
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	4	1.47
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	20	1.47
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	20	1.47
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	20	1.47
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	8	1.47
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	8	1.47
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	8	1.47
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	19	1.47
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	19	1.47
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	19	1.47
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	15	1.47
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	15	1.47
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	19	1.47
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	19	1.47
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	3	1.47
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	3	1.47
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	3	1.47
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	9	1.47
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	9	1.47
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	9	1.47
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	19	1.47
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	19	1.47
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	5	1.47
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	5	1.47
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	16	1.47
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	16	1.47
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	16	1.47
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	20	1.47
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	9	1.47
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	9	1.47
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	9	1.47
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	3	1.47
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	3	1.47
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	3	1.47
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	18	1.47
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	18	1.47
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	2	1.47
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	2	1.47
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	2	1.47
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	19	1.47
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	19	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	19	1.47
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	16	1.47
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	10	1.47
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	10	1.47
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	10	1.47
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	14	1.47
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	14	1.47
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	14	1.47
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	3	1.47
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	3	1.47
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	3	1.47
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	4	1.47
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	4	1.47
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	4	1.47
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	4	1.47
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	4	1.47
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	7	1.47
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	7	1.47
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	7	1.47
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	6	1.47
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	6	1.47
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	6	1.47
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	2	1.47
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	2	1.47
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	2	1.47
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	7	1.47
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	7	1.47
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	7	1.47
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	10	1.47
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	10	1.47
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	10	1.47
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	3	1.47
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	3	1.47
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	12	1.47
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	12	1.47
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	13	1.47
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	13	1.47
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	10	1.47
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	10	1.47
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	10	1.47
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	11	1.47
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	11	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	11	1.47
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	17	1.47
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	6	1.47
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	10	1.47
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	10	1.47
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	18	1.47
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	18	1.47
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	13	1.47
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	13	1.47
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	18	1.47
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	18	1.47
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	18	1.47
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	12	1.47
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	12	1.47
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	12	1.47
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	3	1.47
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	9	1.47
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	9	1.47
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	9	1.47
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	13	1.47
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	13	1.47
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	13	1.47
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	4	1.47
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	4	1.47
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	16	1.47
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	16	1.47
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	16	1.47
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	16	1.47
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	14	1.47
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	14	1.47
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	14	1.47
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	7	1.47
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	11	1.47
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	12	1.47
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	12	1.47
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	12	1.47
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	12	1.47
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	13	1.47
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	13	1.47
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	13	1.47
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	14	1.47
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	3	1.47
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	3	1.47
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	6	1.47
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	18	1.47
(1,938)	1:805:A:ASN:H	1:808:A:GLU:HB2	7	1.47
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	3	1.47
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	3	1.47
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	3	1.47
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	3	1.47
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	3	1.47
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	3	1.47
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	3	1.47
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	3	1.47
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	3	1.47
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	2	1.47
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	2	1.47
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	2	1.47
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	12	1.47
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	12	1.47
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	12	1.47
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	14	1.47
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	14	1.47
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	14	1.47
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	18	1.47
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	18	1.47
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	18	1.47
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	17	1.47
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	17	1.47
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	17	1.47
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	2	1.47
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	2	1.47
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	2	1.47
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	10	1.47
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	10	1.47
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	10	1.47
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	12	1.47
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	12	1.47
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	12	1.47
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	14	1.47
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	14	1.47
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	14	1.47
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	15	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	15	1.47
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	15	1.47
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	8	1.47
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	8	1.47
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	8	1.47
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	11	1.47
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	11	1.47
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	11	1.47
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	18	1.47
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	18	1.47
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	18	1.47
(1,835)	1:845:A:LEU:HD21	1:850:A:PHE:HA	19	1.47
(1,835)	1:845:A:LEU:HD22	1:850:A:PHE:HA	19	1.47
(1,835)	1:845:A:LEU:HD23	1:850:A:PHE:HA	19	1.47
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	20	1.47
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	12	1.47
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	12	1.47
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	14	1.47
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	14	1.47
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	6	1.47
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	6	1.47
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	6	1.47
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	6	1.47
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	6	1.47
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	6	1.47
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	14	1.47
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	14	1.47
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	14	1.47
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	7	1.47
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	7	1.47
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	7	1.47
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	9	1.47
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	9	1.47
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	9	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	8	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	8	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	8	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	9	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	9	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	9	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	17	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	17	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	17	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	19	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	19	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	19	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD21	20	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD22	20	1.47
(1,733)	1:914:A:LEU:HB2	1:914:A:LEU:HD23	20	1.47
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	14	1.47
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	14	1.47
(1,730)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	14	1.47
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	14	1.47
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	14	1.47
(1,730)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	14	1.47
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	5	1.47
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	5	1.47
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	5	1.47
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	11	1.47
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	11	1.47
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	11	1.47
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	5	1.47
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	10	1.47
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	10	1.47
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	10	1.47
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE1	16	1.47
(1,667)	1:897:A:ILE:HD11	1:924:A:TYR:HE2	16	1.47
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE1	16	1.47
(1,667)	1:897:A:ILE:HD12	1:924:A:TYR:HE2	16	1.47
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE1	16	1.47
(1,667)	1:897:A:ILE:HD13	1:924:A:TYR:HE2	16	1.47
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	1	1.47
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	1	1.47
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	1	1.47
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	6	1.47
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	6	1.47
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	6	1.47
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	15	1.47
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	15	1.47
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	15	1.47
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	5	1.47
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	5	1.47
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	5	1.47
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	17	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	17	1.47
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	17	1.47
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	19	1.47
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	12	1.47
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	12	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	4	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	4	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	4	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	7	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	7	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	7	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	8	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	8	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	8	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	16	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	16	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	16	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	19	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	19	1.47
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	19	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	2	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	2	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	2	1.47
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	2	1.47
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	2	1.47
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	2	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	2	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	2	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	2	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	6	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	6	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	6	1.47
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	6	1.47
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	6	1.47
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	6	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	6	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	6	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	6	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	9	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	9	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	9	1.47
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	9	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	9	1.47
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	9	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	9	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	9	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	9	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD21	17	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD22	17	1.47
(1,491)	1:874:A:LEU:HD21	1:920:A:LEU:HD23	17	1.47
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD21	17	1.47
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD22	17	1.47
(1,491)	1:874:A:LEU:HD22	1:920:A:LEU:HD23	17	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD21	17	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD22	17	1.47
(1,491)	1:874:A:LEU:HD23	1:920:A:LEU:HD23	17	1.47
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	19	1.47
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	9	1.47
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	9	1.47
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	9	1.47
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	12	1.47
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	12	1.47
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	12	1.47
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	5	1.47
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	18	1.47
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	4	1.47
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	4	1.47
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	4	1.47
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	3	1.47
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	3	1.47
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	3	1.47
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	3	1.47
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	12	1.47
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	12	1.47
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	12	1.47
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	2	1.47
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	2	1.47
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	2	1.47
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	2	1.47
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	2	1.47
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	2	1.47
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	2	1.47
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	2	1.47
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	2	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	3	1.47
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	3	1.47
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	3	1.47
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	3	1.47
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	3	1.47
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	3	1.47
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	12	1.47
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	12	1.47
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	12	1.47
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	2	1.47
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	2	1.47
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	2	1.47
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	18	1.47
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	18	1.47
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	18	1.47
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	10	1.47
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	10	1.47
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	10	1.47
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	10	1.47
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	10	1.47
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	10	1.47
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	11	1.47
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	11	1.47
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	11	1.47
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	11	1.47
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	11	1.47
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	11	1.47
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	13	1.47
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	13	1.47
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	13	1.47
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	7	1.47
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	14	1.47
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	14	1.47
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	14	1.47
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	20	1.47
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	20	1.47
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	20	1.47
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	1	1.47
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	1	1.47
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	1	1.47
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	20	1.47
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	20	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	13	1.47
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	4	1.47
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	4	1.47
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	4	1.47
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	7	1.47
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	7	1.47
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	7	1.47
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	7	1.47
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	7	1.47
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	7	1.47
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	7	1.47
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	7	1.47
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	7	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	6	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	6	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	6	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	7	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	7	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	7	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	15	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	15	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	15	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	16	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	16	1.47
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	16	1.47
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	18	1.47
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	18	1.47
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	18	1.47
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	2	1.47
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	20	1.47
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	20	1.47
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	20	1.47
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	11	1.47
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	7	1.47
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	7	1.47
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	7	1.47
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	5	1.46
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	5	1.46
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	5	1.46
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	5	1.46
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	5	1.46
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	5	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	12	1.46
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	12	1.46
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	12	1.46
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	12	1.46
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	12	1.46
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	12	1.46
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	6	1.46
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	6	1.46
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	13	1.46
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	13	1.46
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	1	1.46
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	1	1.46
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	1	1.46
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	1	1.46
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	1	1.46
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	1	1.46
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	3	1.46
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	3	1.46
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	3	1.46
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	3	1.46
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	3	1.46
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	3	1.46
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	12	1.46
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	12	1.46
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	12	1.46
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	12	1.46
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	12	1.46
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	12	1.46
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	3	1.46
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	3	1.46
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	11	1.46
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	11	1.46
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	1	1.46
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	1	1.46
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	4	1.46
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	4	1.46
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	6	1.46
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	6	1.46
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	9	1.46
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	9	1.46
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	13	1.46
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	13	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	15	1.46
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	15	1.46
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	15	1.46
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	15	1.46
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	3	1.46
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	3	1.46
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	1	1.46
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	1	1.46
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	1	1.46
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	1	1.46
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	2	1.46
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	2	1.46
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	2	1.46
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	2	1.46
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	3	1.46
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	3	1.46
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	3	1.46
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	3	1.46
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	5	1.46
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	5	1.46
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	5	1.46
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	5	1.46
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	13	1.46
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	13	1.46
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	3	1.46
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	3	1.46
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	16	1.46
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	16	1.46
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	16	1.46
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	16	1.46
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	20	1.46
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	20	1.46
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	8	1.46
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	8	1.46
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	13	1.46
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	13	1.46
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	20	1.46
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	20	1.46
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	20	1.46
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	11	1.46
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	11	1.46
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	11	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	11	1.46
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	17	1.46
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	17	1.46
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	18	1.46
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	5	1.46
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	5	1.46
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	5	1.46
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	10	1.46
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	10	1.46
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	10	1.46
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	15	1.46
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	15	1.46
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	15	1.46
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	18	1.46
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	18	1.46
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	18	1.46
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	4	1.46
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	4	1.46
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	4	1.46
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	16	1.46
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	16	1.46
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	16	1.46
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	17	1.46
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	17	1.46
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	17	1.46
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	11	1.46
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	3	1.46
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	3	1.46
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	14	1.46
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	14	1.46
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	14	1.46
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	4	1.46
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	4	1.46
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	10	1.46
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	10	1.46
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	10	1.46
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	13	1.46
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	13	1.46
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	13	1.46
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	4	1.46
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	6	1.46
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	10	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	16	1.46
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	10	1.46
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	8	1.46
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	8	1.46
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	8	1.46
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	8	1.46
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE1	12	1.46
(1,2673)	1:850:A:PHE:HE1	1:924:A:TYR:HE2	12	1.46
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE1	12	1.46
(1,2673)	1:850:A:PHE:HE2	1:924:A:TYR:HE2	12	1.46
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	10	1.46
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	10	1.46
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	10	1.46
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	16	1.46
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	16	1.46
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	16	1.46
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	11	1.46
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	11	1.46
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	11	1.46
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	20	1.46
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	20	1.46
(1,2568)	1:837:A:LEU:H	1:837:A:LEU:HG	2	1.46
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	7	1.46
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	7	1.46
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	7	1.46
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	11	1.46
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	11	1.46
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	2	1.46
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	2	1.46
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	18	1.46
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	18	1.46
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	13	1.46
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	5	1.46
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	5	1.46
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	7	1.46
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	7	1.46
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	19	1.46
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	19	1.46
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	19	1.46
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	19	1.46
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	20	1.46
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	20	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	20	1.46
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	20	1.46
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	11	1.46
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	11	1.46
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	13	1.46
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	13	1.46
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	19	1.46
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	19	1.46
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	5	1.46
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	5	1.46
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	20	1.46
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	20	1.46
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	19	1.46
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	19	1.46
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	3	1.46
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	19	1.46
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	19	1.46
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	15	1.46
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	15	1.46
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	15	1.46
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	1	1.46
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	1	1.46
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	18	1.46
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	18	1.46
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	18	1.46
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	18	1.46
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	14	1.46
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	14	1.46
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	2	1.46
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	2	1.46
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	2	1.46
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	2	1.46
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	2	1.46
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	2	1.46
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	17	1.46
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	17	1.46
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	18	1.46
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	18	1.46
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	17	1.46
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	17	1.46
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	17	1.46
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	17	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	17	1.46
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	17	1.46
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	17	1.46
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	17	1.46
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	9	1.46
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	9	1.46
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	9	1.46
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	9	1.46
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	11	1.46
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	11	1.46
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	11	1.46
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	11	1.46
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	11	1.46
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	11	1.46
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	10	1.46
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	10	1.46
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	10	1.46
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	10	1.46
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	10	1.46
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	10	1.46
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	9	1.46
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	9	1.46
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	9	1.46
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	9	1.46
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	9	1.46
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	9	1.46
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	19	1.46
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	19	1.46
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	19	1.46
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	19	1.46
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	19	1.46
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	19	1.46
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	14	1.46
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	14	1.46
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	14	1.46
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	14	1.46
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	14	1.46
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	14	1.46
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	18	1.46
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	18	1.46
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	18	1.46
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	18	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	18	1.46
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	18	1.46
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	5	1.46
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	5	1.46
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	19	1.46
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	19	1.46
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	19	1.46
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	17	1.46
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	17	1.46
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	17	1.46
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	18	1.46
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	18	1.46
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	18	1.46
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	20	1.46
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	20	1.46
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	19	1.46
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	19	1.46
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	11	1.46
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	11	1.46
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	14	1.46
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	14	1.46
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	14	1.46
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	15	1.46
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	15	1.46
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	15	1.46
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	12	1.46
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	12	1.46
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	3	1.46
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	3	1.46
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	3	1.46
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	6	1.46
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	6	1.46
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	6	1.46
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	17	1.46
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	17	1.46
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	17	1.46
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	2	1.46
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	2	1.46
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	2	1.46
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	11	1.46
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	11	1.46
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	15	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	15	1.46
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	17	1.46
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	17	1.46
(1,1981)	1:862:A:ILE:HD11	1:905:A:SER:H	5	1.46
(1,1981)	1:862:A:ILE:HD12	1:905:A:SER:H	5	1.46
(1,1981)	1:862:A:ILE:HD13	1:905:A:SER:H	5	1.46
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	2	1.46
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	6	1.46
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	6	1.46
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	14	1.46
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	14	1.46
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	12	1.46
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	12	1.46
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	12	1.46
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	2	1.46
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	2	1.46
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	20	1.46
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	20	1.46
(1,1748)	1:879:A:ALA:HB1	1:882:A:PHE:H	18	1.46
(1,1748)	1:879:A:ALA:HB2	1:882:A:PHE:H	18	1.46
(1,1748)	1:879:A:ALA:HB3	1:882:A:PHE:H	18	1.46
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	19	1.46
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	19	1.46
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	4	1.46
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	16	1.46
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	16	1.46
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	16	1.46
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	3	1.46
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	3	1.46
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	3	1.46
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	5	1.46
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	5	1.46
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	5	1.46
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	18	1.46
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	18	1.46
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	18	1.46
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	4	1.46
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	16	1.46
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	1	1.46
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	1	1.46
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	20	1.46
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	20	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	1	1.46
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	1	1.46
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	1	1.46
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	5	1.46
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	5	1.46
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	7	1.46
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	18	1.46
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	18	1.46
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	10	1.46
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	1	1.46
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	1	1.46
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	6	1.46
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	6	1.46
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	4	1.46
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	10	1.46
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	10	1.46
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	13	1.46
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	13	1.46
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	16	1.46
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	20	1.46
(1,1477)	1:859:A:ASN:H	1:862:A:ILE:HB	14	1.46
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	1	1.46
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	1	1.46
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	1	1.46
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	4	1.46
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	4	1.46
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	4	1.46
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	13	1.46
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	13	1.46
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	13	1.46
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	20	1.46
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	20	1.46
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	20	1.46
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	17	1.46
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	17	1.46
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	17	1.46
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	7	1.46
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	13	1.46
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	17	1.46
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	9	1.46
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	9	1.46
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	9	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	15	1.46
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	15	1.46
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	15	1.46
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	1	1.46
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	1	1.46
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	11	1.46
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	11	1.46
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	16	1.46
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	16	1.46
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	16	1.46
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	20	1.46
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	20	1.46
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	20	1.46
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	12	1.46
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	12	1.46
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	12	1.46
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	4	1.46
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	4	1.46
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	4	1.46
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	18	1.46
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	18	1.46
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	1	1.46
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	1	1.46
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	11	1.46
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	11	1.46
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	4	1.46
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	4	1.46
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	17	1.46
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	17	1.46
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	17	1.46
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	17	1.46
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	17	1.46
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	17	1.46
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	19	1.46
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	19	1.46
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	19	1.46
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	15	1.46
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	15	1.46
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	15	1.46
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	5	1.46
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	13	1.46
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	18	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB1	13	1.46
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB2	13	1.46
(1,1182)	1:828:A:LEU:H	1:830:A:ALA:HB3	13	1.46
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	12	1.46
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	12	1.46
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	18	1.46
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	18	1.46
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	18	1.46
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	2	1.46
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	2	1.46
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	2	1.46
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	4	1.46
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	13	1.46
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	13	1.46
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	9	1.46
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	9	1.46
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	9	1.46
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	11	1.46
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	11	1.46
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	3	1.46
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	3	1.46
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	4	1.46
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	4	1.46
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	20	1.46
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	19	1.46
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	19	1.46
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	19	1.46
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	1	1.46
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	1	1.46
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	1	1.46
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	20	1.46
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	20	1.46
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	20	1.46
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD22	15	1.46
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD23	15	1.46
(1,820)	1:897:A:ILE:HB	1:926:A:LEU:HD21	15	1.46
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	13	1.46
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	13	1.46
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	20	1.46
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	20	1.46
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	20	1.46
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	4	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	4	1.46
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	4	1.46
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD11	13	1.46
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD12	13	1.46
(1,752)	1:904:A:LEU:HG	1:917:A:ILE:HD13	13	1.46
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	3	1.46
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	3	1.46
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	14	1.46
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	14	1.46
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	14	1.46
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	12	1.46
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	12	1.46
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	12	1.46
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	19	1.46
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	19	1.46
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	19	1.46
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	18	1.46
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	18	1.46
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	18	1.46
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	19	1.46
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	20	1.46
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	14	1.46
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	14	1.46
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	14	1.46
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	19	1.46
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	19	1.46
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	19	1.46
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	3	1.46
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	3	1.46
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	3	1.46
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	3	1.46
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	3	1.46
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	3	1.46
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	4	1.46
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	4	1.46
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	4	1.46
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	14	1.46
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	14	1.46
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	14	1.46
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	14	1.46
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	12	1.46
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	12	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	15	1.46
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	6	1.46
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	6	1.46
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	6	1.46
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	6	1.46
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	6	1.46
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	6	1.46
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	12	1.46
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	12	1.46
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	12	1.46
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	17	1.46
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	17	1.46
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	17	1.46
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	14	1.46
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	14	1.46
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	3	1.46
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	3	1.46
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	3	1.46
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	13	1.46
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	13	1.46
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	13	1.46
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	18	1.46
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	18	1.46
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	18	1.46
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	1	1.46
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	1	1.46
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	1	1.46
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	3	1.46
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	3	1.46
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	3	1.46
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	5	1.46
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	5	1.46
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	5	1.46
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	19	1.46
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	19	1.46
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	19	1.46
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	2	1.46
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	2	1.46
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	2	1.46
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	1	1.46
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	6	1.46
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	17	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	5	1.46
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	19	1.46
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	18	1.46
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	18	1.46
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	18	1.46
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	2	1.46
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	2	1.46
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	6	1.46
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	6	1.46
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	12	1.46
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	12	1.46
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	16	1.46
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	16	1.46
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	2	1.46
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	2	1.46
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	2	1.46
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	20	1.46
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	20	1.46
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	20	1.46
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	10	1.46
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	10	1.46
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	10	1.46
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	18	1.46
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	18	1.46
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	18	1.46
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD11	15	1.46
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD12	15	1.46
(1,344)	1:854:A:ILE:HA	1:854:A:ILE:HD13	15	1.46
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	17	1.46
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	17	1.46
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	17	1.46
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	4	1.46
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	4	1.46
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	4	1.46
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	5	1.46
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	5	1.46
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	5	1.46
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	6	1.46
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	6	1.46
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	6	1.46
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	18	1.46
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	18	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	18	1.46
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	7	1.46
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	7	1.46
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	7	1.46
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	7	1.46
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	7	1.46
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	7	1.46
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	17	1.46
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	3	1.46
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	3	1.46
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	3	1.46
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	8	1.46
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	8	1.46
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	8	1.46
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	10	1.46
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	10	1.46
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	10	1.46
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	10	1.46
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	10	1.46
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	3	1.46
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	3	1.46
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	3	1.46
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	3	1.46
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	3	1.46
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	3	1.46
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	4	1.46
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	4	1.46
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	4	1.46
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	4	1.46
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	4	1.46
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	4	1.46
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	13	1.46
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	13	1.46
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	13	1.46
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	13	1.46
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	13	1.46
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	13	1.46
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	10	1.46
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	10	1.46
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	10	1.46
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	10	1.46
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	10	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	10	1.46
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	2	1.46
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	2	1.46
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	2	1.46
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	15	1.46
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	15	1.46
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	15	1.46
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	10	1.46
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	10	1.46
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	10	1.46
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	15	1.46
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	15	1.46
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	15	1.46
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	14	1.46
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	14	1.46
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	14	1.46
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	16	1.46
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	6	1.46
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	6	1.46
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	6	1.46
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	6	1.46
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	6	1.46
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	6	1.46
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	6	1.46
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	6	1.46
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	6	1.46
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	18	1.46
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	18	1.46
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	18	1.46
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	6	1.46
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	6	1.46
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	6	1.46
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	14	1.46
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	14	1.46
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	14	1.46
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	14	1.46
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	14	1.46
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	14	1.46
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	9	1.46
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	9	1.46
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	9	1.46
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	14	1.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	14	1.46
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	14	1.46
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG21	19	1.46
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG22	19	1.46
(1,90)	1:813:A:ILE:HA	1:813:A:ILE:HG23	19	1.46
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	4	1.46
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	4	1.46
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	4	1.46
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	2	1.46
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	2	1.46
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	2	1.46
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	19	1.46
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	19	1.46
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	19	1.46
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	12	1.46
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	12	1.46
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	12	1.46
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	11	1.46
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	11	1.46
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	11	1.46
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	13	1.46
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	13	1.46
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	13	1.46
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	16	1.46
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	16	1.46
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	16	1.46
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	13	1.46
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	18	1.46
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	18	1.46
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	18	1.46
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	3	1.45
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	3	1.45
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	4	1.45
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	4	1.45
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	4	1.45
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	4	1.45
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	4	1.45
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	4	1.45
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	17	1.45
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	17	1.45
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	17	1.45
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	17	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	17	1.45
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	17	1.45
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	7	1.45
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	7	1.45
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	3	1.45
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	3	1.45
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	7	1.45
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	7	1.45
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	2	1.45
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	2	1.45
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	10	1.45
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	10	1.45
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	2	1.45
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	2	1.45
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	15	1.45
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	15	1.45
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	10	1.45
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	10	1.45
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	10	1.45
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	10	1.45
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	10	1.45
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	10	1.45
(1,3257)	1:866:A:PRO:HG2	1:907:A:THR:HB	4	1.45
(1,3257)	1:866:A:PRO:HG3	1:907:A:THR:HB	4	1.45
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	4	1.45
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	4	1.45
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	9	1.45
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	9	1.45
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	4	1.45
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	4	1.45
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	19	1.45
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	19	1.45
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	9	1.45
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	9	1.45
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	9	1.45
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	9	1.45
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	9	1.45
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	9	1.45
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	17	1.45
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	17	1.45
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	17	1.45
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	4	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	4	1.45
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	16	1.45
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	16	1.45
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	16	1.45
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	16	1.45
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	15	1.45
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	15	1.45
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	11	1.45
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	11	1.45
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	11	1.45
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	11	1.45
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	15	1.45
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	15	1.45
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	6	1.45
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	6	1.45
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	13	1.45
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	13	1.45
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	13	1.45
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	13	1.45
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	6	1.45
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	6	1.45
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	6	1.45
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	6	1.45
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	6	1.45
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	6	1.45
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	15	1.45
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	15	1.45
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	15	1.45
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	15	1.45
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG2	7	1.45
(1,3016)	1:893:A:GLN:H	1:893:A:GLN:HG3	7	1.45
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	19	1.45
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	19	1.45
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	6	1.45
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	6	1.45
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	6	1.45
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	9	1.45
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	9	1.45
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	9	1.45
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	11	1.45
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	11	1.45
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	11	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	10	1.45
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	10	1.45
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	10	1.45
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	10	1.45
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	10	1.45
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	19	1.45
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	19	1.45
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	2	1.45
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	13	1.45
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	9	1.45
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	5	1.45
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	5	1.45
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	11	1.45
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	11	1.45
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	11	1.45
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	17	1.45
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	17	1.45
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	17	1.45
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	11	1.45
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	11	1.45
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	11	1.45
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	20	1.45
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	20	1.45
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	20	1.45
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	14	1.45
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	14	1.45
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	14	1.45
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	1	1.45
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	1	1.45
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	1	1.45
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	10	1.45
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	10	1.45
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	10	1.45
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	13	1.45
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	13	1.45
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	13	1.45
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	14	1.45
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	14	1.45
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	14	1.45
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	11	1.45
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	11	1.45
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	11	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	9	1.45
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	20	1.45
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	18	1.45
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	18	1.45
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	18	1.45
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	5	1.45
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	5	1.45
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	5	1.45
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	4	1.45
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	4	1.45
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	4	1.45
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	2	1.45
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	2	1.45
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	12	1.45
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	12	1.45
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	8	1.45
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	1	1.45
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	1	1.45
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	1	1.45
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	17	1.45
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	17	1.45
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	17	1.45
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	20	1.45
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	20	1.45
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	20	1.45
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	4	1.45
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	4	1.45
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	4	1.45
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	18	1.45
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	18	1.45
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	18	1.45
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	15	1.45
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	15	1.45
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	8	1.45
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	8	1.45
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	18	1.45
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	18	1.45
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	5	1.45
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	5	1.45
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	18	1.45
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	2	1.45
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	20	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	4	1.45
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	4	1.45
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	7	1.45
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	7	1.45
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	10	1.45
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	10	1.45
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	7	1.45
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	7	1.45
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	3	1.45
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	3	1.45
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	13	1.45
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	5	1.45
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	5	1.45
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	5	1.45
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	13	1.45
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	13	1.45
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	18	1.45
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	18	1.45
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	18	1.45
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	18	1.45
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	18	1.45
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	18	1.45
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	14	1.45
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	14	1.45
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	14	1.45
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	14	1.45
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	14	1.45
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	14	1.45
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	15	1.45
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	15	1.45
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG22	19	1.45
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG23	19	1.45
(1,2356)	1:827:A:HIS:HD2	1:831:A:ILE:HG21	19	1.45
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	1	1.45
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	1	1.45
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	1	1.45
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	1	1.45
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	1	1.45
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	1	1.45
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	10	1.45
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	10	1.45
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	10	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	10	1.45
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	10	1.45
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	10	1.45
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	16	1.45
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	16	1.45
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	16	1.45
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	16	1.45
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	16	1.45
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	16	1.45
(1,2332)	1:882:A:PHE:HE2	1:924:A:TYR:HB3	8	1.45
(1,2332)	1:882:A:PHE:HE1	1:924:A:TYR:HB3	8	1.45
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	12	1.45
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	12	1.45
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	2	1.45
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	2	1.45
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	14	1.45
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	14	1.45
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	14	1.45
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	14	1.45
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	14	1.45
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	14	1.45
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	19	1.45
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	19	1.45
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	6	1.45
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	6	1.45
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	6	1.45
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	6	1.45
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	6	1.45
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	6	1.45
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	5	1.45
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	5	1.45
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	5	1.45
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	5	1.45
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	5	1.45
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	5	1.45
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	12	1.45
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	12	1.45
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	12	1.45
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	12	1.45
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	12	1.45
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	12	1.45
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG21	20	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG22	20	1.45
(1,2278)	1:870:A:TYR:HE2	1:917:A:ILE:HG23	20	1.45
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG21	20	1.45
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG22	20	1.45
(1,2278)	1:870:A:TYR:HE1	1:917:A:ILE:HG23	20	1.45
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	20	1.45
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	20	1.45
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD1	9	1.45
(1,2265)	1:901:A:PHE:HZ	1:924:A:TYR:HD2	9	1.45
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	1	1.45
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	1	1.45
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	17	1.45
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	17	1.45
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	11	1.45
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	11	1.45
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	11	1.45
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	11	1.45
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	11	1.45
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	11	1.45
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	4	1.45
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	4	1.45
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	4	1.45
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	2	1.45
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	2	1.45
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	2	1.45
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	7	1.45
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	7	1.45
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	2	1.45
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	2	1.45
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	7	1.45
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	7	1.45
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	7	1.45
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	20	1.45
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	20	1.45
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	20	1.45
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	15	1.45
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	15	1.45
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	15	1.45
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	16	1.45
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	16	1.45
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	16	1.45
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	14	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	14	1.45
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	14	1.45
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	17	1.45
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	17	1.45
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	17	1.45
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	5	1.45
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	14	1.45
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	14	1.45
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	16	1.45
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	16	1.45
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD11	4	1.45
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD12	4	1.45
(1,1982)	1:905:A:SER:H	1:914:A:LEU:HD13	4	1.45
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	6	1.45
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	6	1.45
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	6	1.45
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	14	1.45
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	14	1.45
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	14	1.45
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	19	1.45
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	19	1.45
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	11	1.45
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	11	1.45
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	8	1.45
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	8	1.45
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	10	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	11	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	11	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	11	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	12	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	12	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	12	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	19	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	19	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	19	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	20	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	20	1.45
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	20	1.45
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	2	1.45
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	2	1.45
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	2	1.45
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	11	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	11	1.45
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	11	1.45
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	15	1.45
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	15	1.45
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	15	1.45
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	15	1.45
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	15	1.45
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	18	1.45
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	18	1.45
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	13	1.45
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	3	1.45
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	3	1.45
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	3	1.45
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	11	1.45
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	11	1.45
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	6	1.45
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	6	1.45
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	6	1.45
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	7	1.45
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	14	1.45
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	7	1.45
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	7	1.45
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	10	1.45
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	10	1.45
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	6	1.45
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	6	1.45
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	12	1.45
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	19	1.45
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	19	1.45
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	19	1.45
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	16	1.45
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	16	1.45
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	17	1.45
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	17	1.45
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	2	1.45
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	2	1.45
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	2	1.45
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	14	1.45
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	14	1.45
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	14	1.45
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	15	1.45
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	15	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	15	1.45
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	18	1.45
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	18	1.45
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	18	1.45
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	16	1.45
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	16	1.45
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	5	1.45
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	5	1.45
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	5	1.45
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	5	1.45
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	5	1.45
(1,1468)	1:857:A:LEU:HD21	1:858:A:LYS:H	14	1.45
(1,1468)	1:857:A:LEU:HD22	1:858:A:LYS:H	14	1.45
(1,1468)	1:857:A:LEU:HD23	1:858:A:LYS:H	14	1.45
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	3	1.45
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	12	1.45
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	2	1.45
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	2	1.45
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	2	1.45
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	13	1.45
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	13	1.45
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	13	1.45
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	7	1.45
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	7	1.45
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	7	1.45
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	17	1.45
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	17	1.45
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	17	1.45
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	14	1.45
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	14	1.45
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	14	1.45
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	11	1.45
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	11	1.45
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	11	1.45
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	3	1.45
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	3	1.45
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	3	1.45
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	20	1.45
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	20	1.45
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	8	1.45
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	8	1.45
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	8	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	8	1.45
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	8	1.45
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	8	1.45
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	18	1.45
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	18	1.45
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	18	1.45
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	10	1.45
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	10	1.45
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	10	1.45
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	11	1.45
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	11	1.45
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	11	1.45
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	1	1.45
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	19	1.45
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	1	1.45
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	1	1.45
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	17	1.45
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	17	1.45
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	14	1.45
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	14	1.45
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	14	1.45
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	17	1.45
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	17	1.45
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	3	1.45
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	3	1.45
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	3	1.45
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	1	1.45
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	1	1.45
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	1	1.45
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD21	5	1.45
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD22	5	1.45
(1,846)	1:904:A:LEU:HB3	1:904:A:LEU:HD23	5	1.45
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	9	1.45
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	9	1.45
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	9	1.45
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	8	1.45
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	8	1.45
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	8	1.45
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	2	1.45
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	2	1.45
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	2	1.45
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	14	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	14	1.45
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	8	1.45
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	8	1.45
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	8	1.45
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	2	1.45
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	2	1.45
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	2	1.45
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	8	1.45
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	8	1.45
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	8	1.45
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	12	1.45
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	9	1.45
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	9	1.45
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	9	1.45
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	4	1.45
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	4	1.45
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	4	1.45
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	4	1.45
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	4	1.45
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	4	1.45
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	3	1.45
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	3	1.45
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	3	1.45
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	8	1.45
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	8	1.45
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	8	1.45
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	20	1.45
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	20	1.45
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	20	1.45
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	10	1.45
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	10	1.45
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	17	1.45
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	17	1.45
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	2	1.45
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	2	1.45
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	2	1.45
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	13	1.45
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	13	1.45
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	13	1.45
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	10	1.45
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	10	1.45
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	10	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	20	1.45
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	20	1.45
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	20	1.45
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	4	1.45
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	4	1.45
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	4	1.45
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	12	1.45
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	12	1.45
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	12	1.45
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	20	1.45
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	20	1.45
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	20	1.45
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	7	1.45
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	7	1.45
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	7	1.45
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD2	8	1.45
(1,413)	1:865:A:ASP:HA	1:866:A:PRO:HD3	8	1.45
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	8	1.45
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	8	1.45
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	7	1.45
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	19	1.45
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	7	1.45
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	7	1.45
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	7	1.45
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	10	1.45
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	11	1.45
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	11	1.45
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	11	1.45
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	20	1.45
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	20	1.45
(1,363)	1:826:A:ALA:HB1	1:856:A:SER:HA	14	1.45
(1,363)	1:826:A:ALA:HB2	1:856:A:SER:HA	14	1.45
(1,363)	1:826:A:ALA:HB3	1:856:A:SER:HA	14	1.45
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	3	1.45
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	3	1.45
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	3	1.45
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	14	1.45
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	14	1.45
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	14	1.45
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG21	16	1.45
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG22	16	1.45
(1,330)	1:854:A:ILE:HA	1:854:A:ILE:HG23	16	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	8	1.45
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	8	1.45
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	8	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	8	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	8	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	8	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	8	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	8	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	8	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD11	20	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD12	20	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD13	20	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD21	20	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD22	20	1.45
(1,302)	1:851:A:LEU:HB2	1:851:A:LEU:HD23	20	1.45
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	14	1.45
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	3	1.45
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	3	1.45
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	3	1.45
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	7	1.45
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	7	1.45
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	7	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	3	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	3	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	3	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	7	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	7	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	7	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	14	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	14	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	14	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	15	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	15	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	15	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	17	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	17	1.45
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	17	1.45
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	18	1.45
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	18	1.45
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	18	1.45
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	20	1.45
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	20	1.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	20	1.45
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	16	1.45
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	6	1.45
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	6	1.45
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	6	1.45
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	10	1.45
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	10	1.45
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	10	1.45
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	19	1.45
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	19	1.45
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	19	1.45
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	12	1.45
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	12	1.45
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	4	1.45
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	4	1.45
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	15	1.45
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	13	1.45
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	13	1.45
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	13	1.45
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	13	1.45
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	13	1.45
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	13	1.45
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	16	1.45
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	16	1.45
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	16	1.45
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	15	1.45
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	15	1.45
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	15	1.45
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	5	1.45
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	10	1.45
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	10	1.45
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	10	1.45
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	10	1.45
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD22	18	1.44
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD23	18	1.44
(1,3395)	1:926:A:LEU:HB2	1:926:A:LEU:HD21	18	1.44
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD22	18	1.44
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD23	18	1.44
(1,3395)	1:926:A:LEU:HB3	1:926:A:LEU:HD21	18	1.44
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	1	1.44
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	1	1.44
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	5	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	5	1.44
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	11	1.44
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	11	1.44
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	11	1.44
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	11	1.44
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	11	1.44
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	11	1.44
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	15	1.44
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	15	1.44
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	15	1.44
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	15	1.44
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	15	1.44
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	15	1.44
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	12	1.44
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	12	1.44
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	5	1.44
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	5	1.44
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	10	1.44
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	10	1.44
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	14	1.44
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	14	1.44
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	10	1.44
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	10	1.44
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	3	1.44
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	3	1.44
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	4	1.44
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	4	1.44
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	8	1.44
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	8	1.44
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	8	1.44
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	8	1.44
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	7	1.44
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	7	1.44
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	7	1.44
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	7	1.44
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	9	1.44
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	9	1.44
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	20	1.44
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	20	1.44
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	13	1.44
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	13	1.44
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	13	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	20	1.44
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	20	1.44
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	20	1.44
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	10	1.44
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	10	1.44
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	19	1.44
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	19	1.44
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	6	1.44
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	6	1.44
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	19	1.44
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	19	1.44
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	20	1.44
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	20	1.44
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	13	1.44
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	13	1.44
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	11	1.44
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	11	1.44
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	5	1.44
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	5	1.44
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	8	1.44
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	8	1.44
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	12	1.44
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	12	1.44
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	17	1.44
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	17	1.44
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	1	1.44
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	1	1.44
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	15	1.44
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	15	1.44
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	15	1.44
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	15	1.44
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	15	1.44
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	15	1.44
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	4	1.44
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	4	1.44
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	4	1.44
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	4	1.44
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	4	1.44
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	4	1.44
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	2	1.44
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	2	1.44
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	12	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	12	1.44
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	15	1.44
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	15	1.44
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	19	1.44
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	19	1.44
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	1	1.44
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	1	1.44
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	1	1.44
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	4	1.44
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	4	1.44
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	4	1.44
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	8	1.44
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	16	1.44
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	16	1.44
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	1	1.44
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	1	1.44
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	1	1.44
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	19	1.44
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	19	1.44
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	19	1.44
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	14	1.44
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	7	1.44
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	7	1.44
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	7	1.44
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	20	1.44
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	20	1.44
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	20	1.44
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	1	1.44
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	1	1.44
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	1	1.44
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	14	1.44
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	14	1.44
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	14	1.44
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	15	1.44
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	4	1.44
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	4	1.44
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	3	1.44
(1,2721)	1:882:A:PHE:HA	1:885:A:MET:HG2	13	1.44
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	12	1.44
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	14	1.44
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD12	19	1.44
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD13	19	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2708)	1:882:A:PHE:HZ	1:886:A:LEU:HD11	19	1.44
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	4	1.44
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	4	1.44
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	4	1.44
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	8	1.44
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	8	1.44
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	8	1.44
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	6	1.44
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	6	1.44
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	6	1.44
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	3	1.44
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	3	1.44
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	3	1.44
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	2	1.44
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	2	1.44
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	2	1.44
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	13	1.44
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	13	1.44
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	13	1.44
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	16	1.44
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	16	1.44
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	16	1.44
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	19	1.44
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	19	1.44
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	19	1.44
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	7	1.44
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	7	1.44
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	7	1.44
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	14	1.44
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	14	1.44
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	14	1.44
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD12	6	1.44
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD13	6	1.44
(1,2612)	1:885:A:MET:H	1:889:A:ILE:HD11	6	1.44
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	15	1.44
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	15	1.44
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	15	1.44
(1,2589)	1:816:A:LEU:HB3	1:821:A:ASP:H	6	1.44
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	10	1.44
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	10	1.44
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	12	1.44
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	12	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	13	1.44
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	13	1.44
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	8	1.44
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	14	1.44
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	14	1.44
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	10	1.44
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	10	1.44
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	6	1.44
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	6	1.44
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	14	1.44
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	14	1.44
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	15	1.44
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	15	1.44
(1,2534)	1:873:A:LEU:HB3	1:874:A:LEU:H	13	1.44
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	5	1.44
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	1	1.44
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	1	1.44
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	10	1.44
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	10	1.44
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	11	1.44
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	11	1.44
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	13	1.44
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	13	1.44
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	2	1.44
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	2	1.44
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	5	1.44
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	5	1.44
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	12	1.44
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	12	1.44
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	14	1.44
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	14	1.44
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	17	1.44
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	4	1.44
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	4	1.44
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	11	1.44
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	11	1.44
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	16	1.44
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	16	1.44
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	9	1.44
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	9	1.44
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	11	1.44
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	11	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	17	1.44
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	17	1.44
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	9	1.44
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	9	1.44
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	10	1.44
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	10	1.44
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	5	1.44
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	5	1.44
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	5	1.44
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	5	1.44
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	5	1.44
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	5	1.44
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE2	4	1.44
(1,2390)	1:873:A:LEU:HD22	1:901:A:PHE:HE1	4	1.44
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE2	4	1.44
(1,2390)	1:873:A:LEU:HD23	1:901:A:PHE:HE1	4	1.44
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE2	4	1.44
(1,2390)	1:873:A:LEU:HD21	1:901:A:PHE:HE1	4	1.44
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	7	1.44
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	7	1.44
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	7	1.44
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	7	1.44
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	7	1.44
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	7	1.44
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	19	1.44
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	19	1.44
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	17	1.44
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	17	1.44
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	20	1.44
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	20	1.44
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	20	1.44
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	20	1.44
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	20	1.44
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	20	1.44
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	16	1.44
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	16	1.44
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	16	1.44
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	16	1.44
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	16	1.44
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	16	1.44
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	20	1.44
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	20	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	2	1.44
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	2	1.44
(1,2301)	1:901:A:PHE:HE2	1:921:A:LYS:HA	9	1.44
(1,2301)	1:901:A:PHE:HE1	1:921:A:LYS:HA	9	1.44
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	17	1.44
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	17	1.44
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	12	1.44
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	12	1.44
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	20	1.44
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	20	1.44
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	20	1.44
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	20	1.44
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	3	1.44
(1,2263)	1:901:A:PHE:HZ	1:921:A:LYS:HA	9	1.44
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	5	1.44
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	5	1.44
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	5	1.44
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	10	1.44
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	16	1.44
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	14	1.44
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	14	1.44
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	14	1.44
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	12	1.44
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	12	1.44
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	11	1.44
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	11	1.44
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	11	1.44
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	13	1.44
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	13	1.44
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	13	1.44
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	8	1.44
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	8	1.44
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	8	1.44
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	19	1.44
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	19	1.44
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	19	1.44
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	1	1.44
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	16	1.44
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	16	1.44
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	14	1.44
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	4	1.44
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	7	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	7	1.44
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	7	1.44
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	20	1.44
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	20	1.44
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	20	1.44
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	18	1.44
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	18	1.44
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	7	1.44
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	15	1.44
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	6	1.44
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	6	1.44
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	11	1.44
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	11	1.44
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	10	1.44
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	10	1.44
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	16	1.44
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	12	1.44
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	12	1.44
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	19	1.44
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	19	1.44
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	17	1.44
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	17	1.44
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	17	1.44
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	13	1.44
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	13	1.44
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	13	1.44
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	9	1.44
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	9	1.44
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	16	1.44
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	3	1.44
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	3	1.44
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	8	1.44
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	8	1.44
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	8	1.44
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	2	1.44
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	2	1.44
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	2	1.44
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	11	1.44
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	11	1.44
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	11	1.44
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	6	1.44
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	6	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	6	1.44
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	8	1.44
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	13	1.44
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	13	1.44
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	13	1.44
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	16	1.44
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	16	1.44
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	16	1.44
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	1	1.44
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	1	1.44
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	1	1.44
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	6	1.44
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	6	1.44
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	6	1.44
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	6	1.44
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	6	1.44
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	6	1.44
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	6	1.44
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	6	1.44
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	6	1.44
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	11	1.44
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	11	1.44
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	5	1.44
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	8	1.44
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	8	1.44
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	3	1.44
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	7	1.44
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	7	1.44
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	4	1.44
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	4	1.44
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	4	1.44
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	1	1.44
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	9	1.44
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	18	1.44
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	18	1.44
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	18	1.44
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	12	1.44
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	12	1.44
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	12	1.44
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	10	1.44
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	10	1.44
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	10	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	16	1.44
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	16	1.44
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	16	1.44
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	20	1.44
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	20	1.44
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	20	1.44
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	7	1.44
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	7	1.44
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	7	1.44
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	20	1.44
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	20	1.44
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	20	1.44
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	2	1.44
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	2	1.44
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	2	1.44
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	5	1.44
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	5	1.44
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	10	1.44
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	10	1.44
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	20	1.44
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	20	1.44
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	17	1.44
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	17	1.44
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	17	1.44
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	12	1.44
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	12	1.44
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	15	1.44
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	15	1.44
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	19	1.44
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	7	1.44
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	7	1.44
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	7	1.44
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	8	1.44
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	8	1.44
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	8	1.44
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	20	1.44
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	20	1.44
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	20	1.44
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	2	1.44
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	2	1.44
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	2	1.44
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	18	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	18	1.44
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	18	1.44
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	6	1.44
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	10	1.44
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	12	1.44
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	14	1.44
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	15	1.44
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	19	1.44
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	20	1.44
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	2	1.44
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	13	1.44
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	14	1.44
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	14	1.44
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	14	1.44
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	19	1.44
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	19	1.44
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	19	1.44
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	5	1.44
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	5	1.44
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	5	1.44
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	11	1.44
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	11	1.44
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	14	1.44
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	14	1.44
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	14	1.44
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	12	1.44
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	10	1.44
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	10	1.44
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	10	1.44
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	1	1.44
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	13	1.44
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	16	1.44
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	6	1.44
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	6	1.44
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	6	1.44
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	17	1.44
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	17	1.44
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	19	1.44
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	19	1.44
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	19	1.44
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	20	1.44
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	4	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	4	1.44
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	4	1.44
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	5	1.44
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	5	1.44
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	2	1.44
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	2	1.44
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	1	1.44
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	1	1.44
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	1	1.44
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	4	1.44
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	4	1.44
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	4	1.44
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	13	1.44
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	13	1.44
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	13	1.44
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	8	1.44
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	8	1.44
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	8	1.44
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	4	1.44
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	4	1.44
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	4	1.44
(1,741)	1:914:A:LEU:HA	1:917:A:ILE:HG12	14	1.44
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	2	1.44
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	2	1.44
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	2	1.44
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	7	1.44
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	7	1.44
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	7	1.44
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	17	1.44
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	17	1.44
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	17	1.44
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	6	1.44
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	6	1.44
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	6	1.44
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	18	1.44
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD11	6	1.44
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD12	6	1.44
(1,665)	1:897:A:ILE:HB	1:897:A:ILE:HD13	6	1.44
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	10	1.44
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	10	1.44
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	10	1.44
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	10	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	1	1.44
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	12	1.44
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	12	1.44
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	17	1.44
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	20	1.44
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	20	1.44
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	20	1.44
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	20	1.44
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	20	1.44
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	20	1.44
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	20	1.44
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	20	1.44
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	20	1.44
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	8	1.44
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	8	1.44
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	8	1.44
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	2	1.44
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	2	1.44
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	2	1.44
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	5	1.44
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	5	1.44
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	5	1.44
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	20	1.44
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	20	1.44
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	20	1.44
(1,499)	1:838:A:PRO:HG2	1:875:A:TYR:HA	17	1.44
(1,499)	1:838:A:PRO:HG3	1:875:A:TYR:HA	17	1.44
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	4	1.44
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	4	1.44
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	4	1.44
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	6	1.44
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	6	1.44
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	6	1.44
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	18	1.44
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	18	1.44
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	18	1.44
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	13	1.44
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	13	1.44
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	13	1.44
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	16	1.44
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	16	1.44
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	16	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	4	1.44
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	12	1.44
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	5	1.44
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	5	1.44
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB2	10	1.44
(1,370)	1:859:A:ASN:H	1:859:A:ASN:HB3	10	1.44
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	18	1.44
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	18	1.44
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	18	1.44
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	14	1.44
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	4	1.44
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	4	1.44
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	4	1.44
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	18	1.44
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	18	1.44
(1,242)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	18	1.44
(1,242)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	18	1.44
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	10	1.44
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	2	1.44
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	2	1.44
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	2	1.44
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	6	1.44
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	6	1.44
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	6	1.44
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	11	1.44
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	11	1.44
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	11	1.44
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	20	1.44
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	20	1.44
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	20	1.44
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	4	1.44
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	4	1.44
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	4	1.44
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	8	1.44
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	19	1.44
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	19	1.44
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	19	1.44
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	19	1.44
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	19	1.44
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	19	1.44
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	10	1.44
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	10	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	10	1.44
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	5	1.44
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	5	1.44
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	5	1.44
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	8	1.44
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	8	1.44
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	8	1.44
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	12	1.44
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	12	1.44
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	12	1.44
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	18	1.44
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	18	1.44
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	18	1.44
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	20	1.44
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	1	1.44
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	1	1.44
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	1	1.44
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	5	1.44
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	5	1.44
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	5	1.44
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	17	1.44
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	17	1.44
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	17	1.44
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	18	1.44
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	18	1.44
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	15	1.44
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	11	1.44
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	11	1.44
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	11	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	11	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	11	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	11	1.44
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	11	1.44
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	11	1.44
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	11	1.44
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	13	1.44
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	13	1.44
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	13	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	13	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	13	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	13	1.44
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	13	1.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	13	1.44
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	13	1.44
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	14	1.44
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	14	1.44
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	14	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	14	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	14	1.44
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	14	1.44
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	14	1.44
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	14	1.44
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	14	1.44
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	4	1.44
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	4	1.44
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	4	1.44
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	2	1.44
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	2	1.44
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	11	1.44
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	11	1.44
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	11	1.44
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	18	1.44
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	4	1.44
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	4	1.44
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	4	1.44
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG21	12	1.44
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG22	12	1.44
(1,54)	1:810:A:GLY:HA3	1:813:A:ILE:HG23	12	1.44
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	3	1.44
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	3	1.44
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	3	1.44
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	5	1.43
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	5	1.43
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	5	1.43
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	5	1.43
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	5	1.43
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	5	1.43
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	18	1.43
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	18	1.43
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	18	1.43
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	18	1.43
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	18	1.43
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	18	1.43
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	8	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	8	1.43
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	17	1.43
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	17	1.43
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	18	1.43
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	18	1.43
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	8	1.43
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	8	1.43
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	17	1.43
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	17	1.43
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	20	1.43
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	20	1.43
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	4	1.43
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	4	1.43
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	9	1.43
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	9	1.43
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	9	1.43
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	9	1.43
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	2	1.43
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	2	1.43
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	2	1.43
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	2	1.43
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE2	18	1.43
(1,3308)	1:882:A:PHE:HE2	1:883:A:LYS:HE3	18	1.43
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE2	18	1.43
(1,3308)	1:882:A:PHE:HE1	1:883:A:LYS:HE3	18	1.43
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	19	1.43
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	19	1.43
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	19	1.43
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	19	1.43
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	19	1.43
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	19	1.43
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	19	1.43
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	19	1.43
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	7	1.43
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	7	1.43
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	7	1.43
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	7	1.43
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	17	1.43
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	17	1.43
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	17	1.43
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	17	1.43
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	8	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	8	1.43
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	8	1.43
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	8	1.43
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	7	1.43
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	7	1.43
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	12	1.43
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	12	1.43
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	19	1.43
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	19	1.43
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	20	1.43
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	20	1.43
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	19	1.43
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	19	1.43
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	7	1.43
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	7	1.43
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	9	1.43
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	9	1.43
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	10	1.43
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	10	1.43
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	10	1.43
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	15	1.43
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	15	1.43
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	18	1.43
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	18	1.43
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	19	1.43
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	19	1.43
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	4	1.43
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	4	1.43
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	18	1.43
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	18	1.43
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	3	1.43
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	3	1.43
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	5	1.43
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	5	1.43
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	2	1.43
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	2	1.43
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	2	1.43
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	2	1.43
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	10	1.43
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	10	1.43
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	10	1.43
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	10	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	3	1.43
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	3	1.43
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	3	1.43
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	3	1.43
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	3	1.43
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	3	1.43
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	17	1.43
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	17	1.43
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	17	1.43
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	17	1.43
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	17	1.43
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	17	1.43
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE3	20	1.43
(1,3115)	1:833:A:ALA:HB3	1:835:A:LYS:HE2	20	1.43
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE3	20	1.43
(1,3115)	1:833:A:ALA:HB1	1:835:A:LYS:HE2	20	1.43
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE3	20	1.43
(1,3115)	1:833:A:ALA:HB2	1:835:A:LYS:HE2	20	1.43
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	20	1.43
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	20	1.43
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	9	1.43
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	9	1.43
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	10	1.43
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	10	1.43
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	11	1.43
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	11	1.43
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	11	1.43
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	11	1.43
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	11	1.43
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	11	1.43
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	3	1.43
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	3	1.43
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	18	1.43
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	18	1.43
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	20	1.43
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	20	1.43
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	18	1.43
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	18	1.43
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	18	1.43
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	13	1.43
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	13	1.43
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	1	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	1	1.43
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	1	1.43
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	6	1.43
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	6	1.43
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	4	1.43
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	4	1.43
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	4	1.43
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	3	1.43
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	3	1.43
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	3	1.43
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	2	1.43
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	2	1.43
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	2	1.43
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	10	1.43
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	10	1.43
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	10	1.43
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	18	1.43
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	18	1.43
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	18	1.43
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	12	1.43
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	17	1.43
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	7	1.43
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	7	1.43
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	7	1.43
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	16	1.43
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	16	1.43
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	16	1.43
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	19	1.43
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	19	1.43
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	19	1.43
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	17	1.43
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	17	1.43
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	17	1.43
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	19	1.43
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	19	1.43
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	14	1.43
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	14	1.43
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	14	1.43
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	6	1.43
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	6	1.43
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	6	1.43
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	1	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	1	1.43
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	1	1.43
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	20	1.43
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	20	1.43
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	20	1.43
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	3	1.43
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	1	1.43
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	1	1.43
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	1	1.43
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	11	1.43
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	20	1.43
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	20	1.43
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	12	1.43
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	8	1.43
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	4	1.43
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	15	1.43
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	15	1.43
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	15	1.43
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	11	1.43
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	11	1.43
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	11	1.43
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	1	1.43
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	1	1.43
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	1	1.43
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	17	1.43
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	17	1.43
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	17	1.43
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	1	1.43
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	1	1.43
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	1	1.43
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG22	5	1.43
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG23	5	1.43
(1,2594)	1:846:A:GLU:H	1:849:A:THR:HG21	5	1.43
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	19	1.43
(1,2590)	1:824:A:ALA:HB1	1:827:A:HIS:HD2	6	1.43
(1,2590)	1:824:A:ALA:HB2	1:827:A:HIS:HD2	6	1.43
(1,2590)	1:824:A:ALA:HB3	1:827:A:HIS:HD2	6	1.43
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	12	1.43
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	12	1.43
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	10	1.43
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	10	1.43
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	14	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	14	1.43
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	3	1.43
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	3	1.43
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	3	1.43
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	4	1.43
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	4	1.43
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	5	1.43
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	5	1.43
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	17	1.43
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	17	1.43
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	15	1.43
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	4	1.43
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	4	1.43
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	19	1.43
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	1	1.43
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	10	1.43
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	16	1.43
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	16	1.43
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	2	1.43
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	2	1.43
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	17	1.43
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	17	1.43
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	11	1.43
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	5	1.43
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	5	1.43
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	5	1.43
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	5	1.43
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	4	1.43
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	4	1.43
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	4	1.43
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	4	1.43
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	4	1.43
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	4	1.43
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	14	1.43
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	14	1.43
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	14	1.43
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	5	1.43
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	5	1.43
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	20	1.43
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	20	1.43
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	15	1.43
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	15	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	20	1.43
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	20	1.43
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	17	1.43
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	17	1.43
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	17	1.43
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	17	1.43
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	17	1.43
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	17	1.43
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	19	1.43
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	19	1.43
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	1	1.43
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	1	1.43
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	13	1.43
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	13	1.43
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	1	1.43
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	1	1.43
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	11	1.43
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	11	1.43
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	13	1.43
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	13	1.43
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	13	1.43
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	13	1.43
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	13	1.43
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	13	1.43
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	11	1.43
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	11	1.43
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	11	1.43
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	11	1.43
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	11	1.43
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	11	1.43
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	20	1.43
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	20	1.43
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	20	1.43
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	20	1.43
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	20	1.43
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	20	1.43
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	20	1.43
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	20	1.43
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	1	1.43
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	1	1.43
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	1	1.43
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	1	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	1	1.43
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	1	1.43
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	12	1.43
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	12	1.43
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	12	1.43
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	12	1.43
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	12	1.43
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	12	1.43
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD1	6	1.43
(1,2281)	1:805:A:ASN:HA	1:840:A:PHE:HD2	6	1.43
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	1	1.43
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	1	1.43
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	1	1.43
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	1	1.43
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	2	1.43
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	2	1.43
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	2	1.43
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	2	1.43
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	7	1.43
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	7	1.43
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	7	1.43
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	7	1.43
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	8	1.43
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	8	1.43
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	8	1.43
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	8	1.43
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	19	1.43
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	19	1.43
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	19	1.43
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	19	1.43
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	2	1.43
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	2	1.43
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	2	1.43
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	2	1.43
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	2	1.43
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	8	1.43
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	8	1.43
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	8	1.43
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	13	1.43
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	13	1.43
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	3	1.43
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	3	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	11	1.43
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	11	1.43
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	12	1.43
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	12	1.43
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	4	1.43
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	4	1.43
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	4	1.43
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	13	1.43
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	13	1.43
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	13	1.43
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	7	1.43
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	7	1.43
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	19	1.43
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	19	1.43
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	19	1.43
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	3	1.43
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	9	1.43
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	5	1.43
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	5	1.43
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	2	1.43
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	2	1.43
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	2	1.43
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	5	1.43
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	17	1.43
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	19	1.43
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	3	1.43
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	3	1.43
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	12	1.43
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	12	1.43
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	4	1.43
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	4	1.43
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	4	1.43
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	1	1.43
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	1	1.43
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	2	1.43
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	2	1.43
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	2	1.43
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	10	1.43
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	10	1.43
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	10	1.43
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	14	1.43
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	5	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	5	1.43
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	5	1.43
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	20	1.43
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	20	1.43
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	20	1.43
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	1	1.43
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	1	1.43
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	1	1.43
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	3	1.43
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	14	1.43
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	7	1.43
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	7	1.43
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	7	1.43
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	2	1.43
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	2	1.43
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	2	1.43
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	5	1.43
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	5	1.43
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	5	1.43
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	14	1.43
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	14	1.43
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	14	1.43
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	5	1.43
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	5	1.43
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	5	1.43
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	17	1.43
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	17	1.43
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	17	1.43
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	5	1.43
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	20	1.43
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	20	1.43
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	20	1.43
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	20	1.43
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	16	1.43
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	4	1.43
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	4	1.43
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	4	1.43
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	1	1.43
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	1	1.43
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	1	1.43
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	5	1.43
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	5	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	18	1.43
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	18	1.43
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	3	1.43
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	3	1.43
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	3	1.43
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	20	1.43
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	20	1.43
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	20	1.43
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	5	1.43
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	5	1.43
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	5	1.43
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	14	1.43
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	8	1.43
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	17	1.43
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	17	1.43
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	17	1.43
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	20	1.43
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	20	1.43
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	20	1.43
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	11	1.43
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	11	1.43
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	17	1.43
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	17	1.43
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	15	1.43
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	8	1.43
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	8	1.43
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	11	1.43
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	11	1.43
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	11	1.43
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	16	1.43
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	16	1.43
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	16	1.43
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	4	1.43
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	4	1.43
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	20	1.43
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	20	1.43
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	11	1.43
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	11	1.43
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	11	1.43
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	14	1.43
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	14	1.43
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	14	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	20	1.43
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	20	1.43
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG22	7	1.43
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG23	7	1.43
(1,1337)	1:848:A:ASP:H	1:849:A:THR:HG21	7	1.43
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	11	1.43
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	11	1.43
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	8	1.43
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	8	1.43
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	12	1.43
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	12	1.43
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	12	1.43
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	2	1.43
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	2	1.43
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	2	1.43
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	1	1.43
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	13	1.43
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	4	1.43
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	4	1.43
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	14	1.43
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	14	1.43
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	20	1.43
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	20	1.43
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	20	1.43
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	6	1.43
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	6	1.43
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	6	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	2	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	2	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	2	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	3	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	3	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	3	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	16	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	16	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	16	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	17	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	17	1.43
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	17	1.43
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	1	1.43
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	1	1.43
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	1	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	14	1.43
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	14	1.43
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	14	1.43
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	4	1.43
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	7	1.43
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	8	1.43
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	9	1.43
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	8	1.43
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	8	1.43
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	8	1.43
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	20	1.43
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	20	1.43
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	20	1.43
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	2	1.43
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	2	1.43
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	2	1.43
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	16	1.43
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	16	1.43
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	5	1.43
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	18	1.43
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	19	1.43
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	10	1.43
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	11	1.43
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	13	1.43
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	15	1.43
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	15	1.43
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	6	1.43
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	6	1.43
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	6	1.43
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	5	1.43
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	5	1.43
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	5	1.43
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	5	1.43
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	5	1.43
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	5	1.43
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	20	1.43
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	20	1.43
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	8	1.43
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	8	1.43
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	8	1.43
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG11	12	1.43
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG12	12	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,875)	1:857:A:LEU:HA	1:869:A:VAL:HG13	12	1.43
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	12	1.43
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	12	1.43
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	12	1.43
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	17	1.43
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	17	1.43
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	17	1.43
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	16	1.43
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	16	1.43
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	16	1.43
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	9	1.43
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	9	1.43
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	9	1.43
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	6	1.43
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	2	1.43
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	2	1.43
(1,801)	1:886:A:LEU:HD21	1:924:A:TYR:HA	13	1.43
(1,801)	1:886:A:LEU:HD22	1:924:A:TYR:HA	13	1.43
(1,801)	1:886:A:LEU:HD23	1:924:A:TYR:HA	13	1.43
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	19	1.43
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	19	1.43
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	10	1.43
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	10	1.43
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	10	1.43
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	4	1.43
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	4	1.43
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	4	1.43
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	4	1.43
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	4	1.43
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	4	1.43
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	20	1.43
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	20	1.43
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	20	1.43
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	18	1.43
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	18	1.43
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	18	1.43
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD23	16	1.43
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD21	16	1.43
(1,689)	1:900:A:LEU:HA	1:900:A:LEU:HD22	16	1.43
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	11	1.43
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	7	1.43
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	7	1.43
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	18	1.43
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	18	1.43
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	18	1.43
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	19	1.43
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	19	1.43
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	19	1.43
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	19	1.43
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	19	1.43
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	19	1.43
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	14	1.43
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	14	1.43
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	14	1.43
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	7	1.43
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	7	1.43
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	7	1.43
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	20	1.43
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	20	1.43
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	20	1.43
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD13	6	1.43
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD11	6	1.43
(1,502)	1:876:A:LEU:HA	1:876:A:LEU:HD12	6	1.43
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	3	1.43
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	6	1.43
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	6	1.43
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	6	1.43
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	16	1.43
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	16	1.43
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	16	1.43
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	3	1.43
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	3	1.43
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	3	1.43
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	6	1.43
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	6	1.43
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	6	1.43
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	20	1.43
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	20	1.43
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	15	1.43
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	15	1.43
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	15	1.43
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	5	1.43
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	5	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	5	1.43
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	2	1.43
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	2	1.43
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	2	1.43
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	9	1.43
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	9	1.43
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	9	1.43
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	7	1.43
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	1	1.43
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	1	1.43
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	1	1.43
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	13	1.43
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	13	1.43
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	13	1.43
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	1	1.43
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	1	1.43
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	20	1.43
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	20	1.43
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	20	1.43
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	9	1.43
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	9	1.43
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	9	1.43
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	10	1.43
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	10	1.43
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	10	1.43
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	6	1.43
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	6	1.43
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	15	1.43
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	15	1.43
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	15	1.43
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	6	1.43
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	6	1.43
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	6	1.43
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	6	1.43
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	6	1.43
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	6	1.43
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	18	1.43
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	18	1.43
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	18	1.43
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	18	1.43
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	18	1.43
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	18	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG22	20	1.43
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG23	20	1.43
(1,209)	1:802:A:LYS:HB2	1:831:A:ILE:HG21	20	1.43
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG22	20	1.43
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG23	20	1.43
(1,209)	1:802:A:LYS:HB3	1:831:A:ILE:HG21	20	1.43
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	7	1.43
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	7	1.43
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	7	1.43
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	7	1.43
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	7	1.43
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	7	1.43
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	10	1.43
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	10	1.43
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	10	1.43
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	14	1.43
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	14	1.43
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	14	1.43
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	6	1.43
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	6	1.43
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	6	1.43
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	12	1.43
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	12	1.43
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	12	1.43
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	10	1.43
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	10	1.43
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	10	1.43
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	1	1.43
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	3	1.43
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	9	1.43
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	20	1.43
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	10	1.43
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	3	1.43
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	3	1.43
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	3	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	3	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	3	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	3	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	3	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	3	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	3	1.43
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	8	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	8	1.43
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	8	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	8	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	8	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	8	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	8	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	8	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	8	1.43
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	9	1.43
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	9	1.43
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	9	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	9	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	9	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	9	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	9	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	9	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	9	1.43
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	10	1.43
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	10	1.43
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	10	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	10	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	10	1.43
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	10	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	10	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	10	1.43
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	10	1.43
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	1	1.43
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	1	1.43
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	1	1.43
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	19	1.43
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	19	1.43
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	19	1.43
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	18	1.43
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	18	1.43
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	18	1.43
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	19	1.43
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	19	1.43
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	19	1.43
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	16	1.43
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	16	1.43
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	16	1.43
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	6	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	9	1.43
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	9	1.43
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	9	1.43
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	17	1.43
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	17	1.43
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	17	1.43
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	19	1.43
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	19	1.43
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	19	1.43
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	7	1.43
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	7	1.43
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	7	1.43
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	16	1.43
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	16	1.43
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	16	1.43
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	19	1.43
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	19	1.43
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	19	1.43
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	1	1.42
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	1	1.42
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	9	1.42
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	9	1.42
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB2	19	1.42
(1,3373)	1:917:A:ILE:HA	1:920:A:LEU:HB3	19	1.42
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	12	1.42
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	12	1.42
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	6	1.42
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	6	1.42
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	6	1.42
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	6	1.42
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	6	1.42
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	6	1.42
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	4	1.42
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	4	1.42
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	16	1.42
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	16	1.42
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	20	1.42
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	20	1.42
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	16	1.42
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	16	1.42
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	16	1.42
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	16	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	19	1.42
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	19	1.42
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	11	1.42
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	11	1.42
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	13	1.42
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	13	1.42
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	5	1.42
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	5	1.42
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	5	1.42
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	5	1.42
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	10	1.42
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	10	1.42
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	10	1.42
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	10	1.42
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	10	1.42
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	10	1.42
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	7	1.42
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	7	1.42
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	9	1.42
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	9	1.42
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	12	1.42
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	12	1.42
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	18	1.42
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	18	1.42
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	12	1.42
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	12	1.42
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	2	1.42
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	2	1.42
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	2	1.42
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	13	1.42
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	13	1.42
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	18	1.42
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	18	1.42
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	7	1.42
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	7	1.42
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	3	1.42
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	3	1.42
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	3	1.42
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	3	1.42
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	1	1.42
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	1	1.42
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	8	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	8	1.42
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	16	1.42
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	16	1.42
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	2	1.42
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	2	1.42
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	2	1.42
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	5	1.42
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	14	1.42
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	16	1.42
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	6	1.42
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	10	1.42
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	1	1.42
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	1	1.42
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	1	1.42
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	9	1.42
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	9	1.42
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	9	1.42
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	16	1.42
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	16	1.42
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	16	1.42
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	9	1.42
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	15	1.42
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	15	1.42
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	15	1.42
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	10	1.42
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	10	1.42
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	6	1.42
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	6	1.42
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	6	1.42
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	19	1.42
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	19	1.42
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	19	1.42
(1,2750)	1:886:A:LEU:HA	1:886:A:LEU:HG	16	1.42
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	10	1.42
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	10	1.42
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	10	1.42
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	7	1.42
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	13	1.42
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	19	1.42
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	14	1.42
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	14	1.42
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	14	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	2	1.42
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	2	1.42
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	2	1.42
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	2	1.42
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	8	1.42
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	8	1.42
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	8	1.42
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	17	1.42
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	17	1.42
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	17	1.42
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	8	1.42
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	8	1.42
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	8	1.42
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	8	1.42
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	8	1.42
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	8	1.42
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	8	1.42
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	8	1.42
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	8	1.42
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	5	1.42
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	5	1.42
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	5	1.42
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	17	1.42
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	17	1.42
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	20	1.42
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	20	1.42
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	9	1.42
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	9	1.42
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	20	1.42
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	1	1.42
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	1	1.42
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	19	1.42
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	19	1.42
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	10	1.42
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE1	4	1.42
(1,2523)	1:909:A:ASN:HB2	1:912:A:PHE:HE2	4	1.42
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	13	1.42
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	13	1.42
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	10	1.42
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	10	1.42
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	11	1.42
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	11	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	15	1.42
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	15	1.42
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	19	1.42
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	8	1.42
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	8	1.42
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	8	1.42
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	8	1.42
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	19	1.42
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	19	1.42
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	19	1.42
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	19	1.42
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	12	1.42
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	12	1.42
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	1	1.42
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	1	1.42
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	6	1.42
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	6	1.42
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	14	1.42
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	14	1.42
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	14	1.42
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	14	1.42
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	14	1.42
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	14	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	3	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	3	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	3	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	3	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	5	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	5	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	5	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	5	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	6	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	6	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	6	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	6	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	13	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	13	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	13	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	13	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	14	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	14	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	14	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	14	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	15	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	15	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	15	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	15	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	16	1.42
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	16	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	16	1.42
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	16	1.42
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	16	1.42
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	16	1.42
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	13	1.42
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	13	1.42
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	13	1.42
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	13	1.42
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	13	1.42
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	13	1.42
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	11	1.42
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	15	1.42
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	15	1.42
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	14	1.42
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	14	1.42
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	10	1.42
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	10	1.42
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	10	1.42
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	20	1.42
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	20	1.42
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	20	1.42
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	5	1.42
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	5	1.42
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	5	1.42
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	16	1.42
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	16	1.42
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	16	1.42
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	12	1.42
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	12	1.42
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	15	1.42
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	15	1.42
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	18	1.42
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	4	1.42
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	4	1.42
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	4	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	8	1.42
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	8	1.42
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	8	1.42
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	3	1.42
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	6	1.42
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	20	1.42
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	5	1.42
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	5	1.42
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	5	1.42
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	6	1.42
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	6	1.42
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	1	1.42
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	1	1.42
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	1	1.42
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	17	1.42
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	17	1.42
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	17	1.42
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	3	1.42
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	3	1.42
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	3	1.42
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	13	1.42
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	13	1.42
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	13	1.42
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	13	1.42
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	4	1.42
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	4	1.42
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	4	1.42
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	7	1.42
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	7	1.42
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	1	1.42
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	2	1.42
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	10	1.42
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	10	1.42
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	3	1.42
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	3	1.42
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	3	1.42
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	19	1.42
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	19	1.42
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	19	1.42
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	3	1.42
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	3	1.42
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	3	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	10	1.42
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	10	1.42
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	10	1.42
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	16	1.42
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	16	1.42
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	16	1.42
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	1	1.42
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	1	1.42
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	1	1.42
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	9	1.42
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	9	1.42
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	9	1.42
(1,1598)	1:870:A:TYR:HD1	1:871:A:GLN:HE21	1	1.42
(1,1598)	1:870:A:TYR:HD2	1:871:A:GLN:HE21	1	1.42
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	10	1.42
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	10	1.42
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	10	1.42
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	4	1.42
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	8	1.42
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	13	1.42
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	13	1.42
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	13	1.42
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD3	7	1.42
(1,1529)	1:864:A:LYS:H	1:864:A:LYS:HD2	7	1.42
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	19	1.42
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	19	1.42
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	17	1.42
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	17	1.42
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	16	1.42
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	13	1.42
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	11	1.42
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	6	1.42
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	6	1.42
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	6	1.42
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	7	1.42
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	7	1.42
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	7	1.42
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	15	1.42
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	15	1.42
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	5	1.42
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	5	1.42
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	10	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	10	1.42
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	14	1.42
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	14	1.42
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	14	1.42
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	20	1.42
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	20	1.42
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	7	1.42
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	7	1.42
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	10	1.42
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	10	1.42
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	10	1.42
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	18	1.42
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	18	1.42
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	18	1.42
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	8	1.42
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	8	1.42
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	8	1.42
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	18	1.42
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	18	1.42
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	18	1.42
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	18	1.42
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	18	1.42
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	18	1.42
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	15	1.42
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	15	1.42
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	15	1.42
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	9	1.42
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	9	1.42
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	10	1.42
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	10	1.42
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	12	1.42
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	12	1.42
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	14	1.42
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	14	1.42
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	14	1.42
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	13	1.42
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	13	1.42
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	13	1.42
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	6	1.42
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	6	1.42
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	6	1.42
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	10	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	10	1.42
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	10	1.42
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	12	1.42
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	12	1.42
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	12	1.42
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	6	1.42
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	6	1.42
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	6	1.42
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	20	1.42
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	20	1.42
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	20	1.42
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	2	1.42
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	14	1.42
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	14	1.42
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	14	1.42
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	3	1.42
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	7	1.42
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	20	1.42
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	12	1.42
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	12	1.42
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	12	1.42
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	16	1.42
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	16	1.42
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	16	1.42
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	18	1.42
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	18	1.42
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	18	1.42
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	11	1.42
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	11	1.42
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	11	1.42
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	18	1.42
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	18	1.42
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	18	1.42
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	12	1.42
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	12	1.42
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	12	1.42
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	3	1.42
(1,997)	1:809:A:PHE:HD2	1:810:A:GLY:H	17	1.42
(1,997)	1:809:A:PHE:HD1	1:810:A:GLY:H	17	1.42
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	2	1.42
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	2	1.42
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	2	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	19	1.42
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	19	1.42
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	19	1.42
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	20	1.42
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	20	1.42
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	20	1.42
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	8	1.42
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	8	1.42
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	8	1.42
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	13	1.42
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	13	1.42
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	13	1.42
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	17	1.42
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	17	1.42
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD11	2	1.42
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD12	2	1.42
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD13	2	1.42
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD21	2	1.42
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD22	2	1.42
(1,888)	1:798:A:LEU:H	1:798:A:LEU:HD23	2	1.42
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	17	1.42
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	7	1.42
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	7	1.42
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	7	1.42
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	6	1.42
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	6	1.42
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	6	1.42
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	17	1.42
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	17	1.42
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	17	1.42
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	6	1.42
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	6	1.42
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	6	1.42
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	6	1.42
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	6	1.42
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	6	1.42
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	5	1.42
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	5	1.42
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	15	1.42
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	15	1.42
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	20	1.42
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	20	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	15	1.42
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	8	1.42
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	8	1.42
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	8	1.42
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	13	1.42
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	13	1.42
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	13	1.42
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	19	1.42
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	19	1.42
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	19	1.42
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	10	1.42
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	10	1.42
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	10	1.42
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	10	1.42
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	10	1.42
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	1	1.42
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	1	1.42
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	1	1.42
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	18	1.42
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	18	1.42
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	18	1.42
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	19	1.42
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	7	1.42
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	7	1.42
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	7	1.42
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	15	1.42
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	15	1.42
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	15	1.42
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	18	1.42
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	18	1.42
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	18	1.42
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	9	1.42
(1,674)	1:898:A:GLU:HA	1:901:A:PHE:H	10	1.42
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	18	1.42
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	17	1.42
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	17	1.42
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	17	1.42
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	9	1.42
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	9	1.42
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	9	1.42
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	4	1.42
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	4	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	4	1.42
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD21	14	1.42
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD22	14	1.42
(1,640)	1:896:A:LEU:HB3	1:896:A:LEU:HD23	14	1.42
(1,631)	1:895:A:GLU:HA	1:895:A:GLU:HG2	14	1.42
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	3	1.42
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	3	1.42
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	3	1.42
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	7	1.42
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	7	1.42
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	7	1.42
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	12	1.42
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	12	1.42
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	12	1.42
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	12	1.42
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	12	1.42
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	12	1.42
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	19	1.42
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	19	1.42
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	19	1.42
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	14	1.42
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	19	1.42
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	19	1.42
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	19	1.42
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	14	1.42
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	14	1.42
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	14	1.42
(1,466)	1:834:A:PRO:HB3	1:872:A:HIS:HA	6	1.42
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	5	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	12	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	12	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	12	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	13	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	13	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	13	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	14	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	14	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	14	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	17	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	17	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	17	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	19	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	19	1.42
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	19	1.42
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	11	1.42
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	11	1.42
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	11	1.42
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	4	1.42
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	4	1.42
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	4	1.42
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	14	1.42
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	12	1.42
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	7	1.42
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	7	1.42
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	7	1.42
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	7	1.42
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	7	1.42
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	7	1.42
(1,338)	1:854:A:ILE:HD11	1:897:A:ILE:H	6	1.42
(1,338)	1:854:A:ILE:HD12	1:897:A:ILE:H	6	1.42
(1,338)	1:854:A:ILE:HD13	1:897:A:ILE:H	6	1.42
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	4	1.42
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	4	1.42
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	4	1.42
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	7	1.42
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	7	1.42
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	7	1.42
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	13	1.42
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	13	1.42
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	13	1.42
(1,297)	1:850:A:PHE:HD1	1:851:A:LEU:HA	6	1.42
(1,297)	1:850:A:PHE:HD2	1:851:A:LEU:HA	6	1.42
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	20	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	7	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	7	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	7	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	12	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	12	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	12	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	15	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	15	1.42
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	15	1.42
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	5	1.42
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	5	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	5	1.42
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	16	1.42
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	16	1.42
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	16	1.42
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	17	1.42
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	17	1.42
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	17	1.42
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	18	1.42
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	18	1.42
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	18	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	8	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	8	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	8	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	12	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	12	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	12	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	13	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	13	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	13	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	20	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	20	1.42
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	20	1.42
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	2	1.42
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	2	1.42
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	2	1.42
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	13	1.42
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	13	1.42
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	13	1.42
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	15	1.42
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	15	1.42
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	15	1.42
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	18	1.42
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	18	1.42
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	18	1.42
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	6	1.42
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	6	1.42
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	6	1.42
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	4	1.42
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	4	1.42
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	4	1.42
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	7	1.42
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	7	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	7	1.42
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	1	1.42
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	1	1.42
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	1	1.42
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	6	1.42
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	6	1.42
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	15	1.42
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	1	1.42
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	1	1.42
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	1	1.42
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	1	1.42
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	1	1.42
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	1	1.42
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	1	1.42
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	1	1.42
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	1	1.42
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	5	1.42
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	5	1.42
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	5	1.42
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	20	1.42
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	20	1.42
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	20	1.42
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	14	1.42
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	14	1.42
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	14	1.42
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	17	1.42
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	17	1.42
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	17	1.42
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	10	1.42
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	10	1.42
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	10	1.42
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	17	1.42
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	17	1.42
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	17	1.42
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	20	1.42
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	20	1.42
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	20	1.42
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	3	1.42
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	6	1.42
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	6	1.42
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	6	1.42
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	9	1.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	9	1.42
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	9	1.42
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	13	1.42
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	14	1.42
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	3	1.42
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	3	1.42
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	3	1.42
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	3	1.42
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	3	1.42
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	3	1.42
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	20	1.42
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	20	1.42
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	20	1.42
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	20	1.42
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	11	1.41
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	11	1.41
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	7	1.41
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	7	1.41
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	7	1.41
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	7	1.41
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	7	1.41
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	7	1.41
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB2	14	1.41
(1,3364)	1:911:A:HIS:H	1:911:A:HIS:HB3	14	1.41
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	3	1.41
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	3	1.41
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	3	1.41
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	3	1.41
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	9	1.41
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	9	1.41
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	8	1.41
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	8	1.41
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	7	1.41
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	7	1.41
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	17	1.41
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	17	1.41
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	18	1.41
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	18	1.41
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	18	1.41
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	18	1.41
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	18	1.41
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	18	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	18	1.41
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	18	1.41
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	18	1.41
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	18	1.41
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	17	1.41
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	17	1.41
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	19	1.41
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	19	1.41
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	11	1.41
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	11	1.41
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	11	1.41
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	11	1.41
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	18	1.41
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	18	1.41
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	18	1.41
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	18	1.41
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	7	1.41
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	7	1.41
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	3	1.41
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	3	1.41
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	3	1.41
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	15	1.41
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	15	1.41
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	15	1.41
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	6	1.41
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	6	1.41
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	18	1.41
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	18	1.41
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	6	1.41
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	6	1.41
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	20	1.41
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	20	1.41
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	20	1.41
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	20	1.41
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	20	1.41
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	20	1.41
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	12	1.41
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	12	1.41
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	14	1.41
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	14	1.41
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	1	1.41
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	1	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	1	1.41
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	1	1.41
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	1	1.41
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	1	1.41
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	4	1.41
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	4	1.41
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	10	1.41
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	10	1.41
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	4	1.41
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	4	1.41
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	14	1.41
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	14	1.41
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	1	1.41
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	1	1.41
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	1	1.41
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	1	1.41
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	8	1.41
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	8	1.41
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	14	1.41
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	4	1.41
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	3	1.41
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	11	1.41
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD11	9	1.41
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD12	9	1.41
(1,2907)	1:854:A:ILE:HA	1:900:A:LEU:HD13	9	1.41
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	9	1.41
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	9	1.41
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	9	1.41
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	3	1.41
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	3	1.41
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	3	1.41
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	14	1.41
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	14	1.41
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	14	1.41
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	1	1.41
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	1	1.41
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	1	1.41
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	13	1.41
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	13	1.41
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	13	1.41
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	4	1.41
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	4	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	4	1.41
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	20	1.41
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	20	1.41
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	7	1.41
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	7	1.41
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	7	1.41
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	18	1.41
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	18	1.41
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	18	1.41
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG21	15	1.41
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG22	15	1.41
(1,2751)	1:862:A:ILE:HA	1:862:A:ILE:HG23	15	1.41
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	12	1.41
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	10	1.41
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	5	1.41
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	6	1.41
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	10	1.41
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	20	1.41
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	20	1.41
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	20	1.41
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	1	1.41
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	1	1.41
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	4	1.41
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	4	1.41
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	6	1.41
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	6	1.41
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	6	1.41
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	7	1.41
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	7	1.41
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	7	1.41
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	4	1.41
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	4	1.41
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	4	1.41
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	7	1.41
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	7	1.41
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	7	1.41
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	10	1.41
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	10	1.41
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	10	1.41
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	10	1.41
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	10	1.41
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	10	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	13	1.41
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	13	1.41
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	13	1.41
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	13	1.41
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	13	1.41
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	13	1.41
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	12	1.41
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	12	1.41
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	12	1.41
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	20	1.41
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	20	1.41
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	20	1.41
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	6	1.41
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	6	1.41
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	6	1.41
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	10	1.41
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	10	1.41
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	19	1.41
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	19	1.41
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	10	1.41
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	10	1.41
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	6	1.41
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	17	1.41
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	16	1.41
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	16	1.41
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	13	1.41
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	13	1.41
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	11	1.41
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	11	1.41
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	15	1.41
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	15	1.41
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	6	1.41
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	6	1.41
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	19	1.41
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	19	1.41
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	15	1.41
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	15	1.41
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	15	1.41
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	15	1.41
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	1	1.41
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	1	1.41
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	6	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	6	1.41
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	6	1.41
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	6	1.41
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	6	1.41
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	6	1.41
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	10	1.41
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	10	1.41
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	10	1.41
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	10	1.41
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	10	1.41
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	10	1.41
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	13	1.41
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	13	1.41
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	13	1.41
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	13	1.41
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	13	1.41
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	13	1.41
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	2	1.41
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	2	1.41
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	19	1.41
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	19	1.41
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	12	1.41
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	12	1.41
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	12	1.41
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	12	1.41
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	12	1.41
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	12	1.41
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	4	1.41
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	4	1.41
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	4	1.41
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	4	1.41
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	4	1.41
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	4	1.41
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	4	1.41
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	4	1.41
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	1	1.41
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	1	1.41
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	1	1.41
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	1	1.41
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	1	1.41
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	1	1.41
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	1	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	1	1.41
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	20	1.41
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	20	1.41
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	5	1.41
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	5	1.41
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	11	1.41
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	11	1.41
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE1	15	1.41
(1,2288)	1:886:A:LEU:HD21	1:924:A:TYR:HE2	15	1.41
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE1	15	1.41
(1,2288)	1:886:A:LEU:HD22	1:924:A:TYR:HE2	15	1.41
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE1	15	1.41
(1,2288)	1:886:A:LEU:HD23	1:924:A:TYR:HE2	15	1.41
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	4	1.41
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	4	1.41
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	4	1.41
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	4	1.41
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	4	1.41
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	4	1.41
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	4	1.41
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	4	1.41
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	9	1.41
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	9	1.41
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	9	1.41
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	9	1.41
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	10	1.41
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	10	1.41
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	10	1.41
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	10	1.41
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	11	1.41
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	11	1.41
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	11	1.41
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	11	1.41
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE1	12	1.41
(1,2270)	1:870:A:TYR:HE2	1:912:A:PHE:HE2	12	1.41
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE1	12	1.41
(1,2270)	1:870:A:TYR:HE1	1:912:A:PHE:HE2	12	1.41
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	5	1.41
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	5	1.41
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	5	1.41
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	1	1.41
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	14	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	20	1.41
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	11	1.41
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	11	1.41
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	1	1.41
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	1	1.41
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	20	1.41
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	20	1.41
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	9	1.41
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	9	1.41
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	9	1.41
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	1	1.41
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	1	1.41
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	1	1.41
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	2	1.41
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	2	1.41
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	2	1.41
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	3	1.41
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	3	1.41
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	5	1.41
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	5	1.41
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	18	1.41
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	18	1.41
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	18	1.41
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	10	1.41
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	10	1.41
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	10	1.41
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	6	1.41
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	17	1.41
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	9	1.41
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	9	1.41
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	4	1.41
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	19	1.41
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	6	1.41
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	6	1.41
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	6	1.41
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	12	1.41
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	14	1.41
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	14	1.41
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	4	1.41
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	4	1.41
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	17	1.41
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	17	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	19	1.41
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	19	1.41
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	19	1.41
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	6	1.41
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	6	1.41
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	6	1.41
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	5	1.41
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	9	1.41
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	12	1.41
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	19	1.41
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	20	1.41
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	2	1.41
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	2	1.41
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	2	1.41
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	8	1.41
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	8	1.41
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	8	1.41
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	9	1.41
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	9	1.41
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	9	1.41
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	12	1.41
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	12	1.41
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	12	1.41
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	7	1.41
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	7	1.41
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	7	1.41
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	9	1.41
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	9	1.41
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	9	1.41
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	15	1.41
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	15	1.41
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	15	1.41
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	20	1.41
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	20	1.41
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	20	1.41
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	11	1.41
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	11	1.41
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	11	1.41
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	16	1.41
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	16	1.41
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	16	1.41
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	14	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	14	1.41
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	14	1.41
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	8	1.41
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	8	1.41
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	19	1.41
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	7	1.41
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	7	1.41
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	7	1.41
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	4	1.41
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	4	1.41
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	4	1.41
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG21	17	1.41
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG22	17	1.41
(1,1549)	1:867:A:SER:H	1:869:A:VAL:HG23	17	1.41
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	7	1.41
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	14	1.41
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	14	1.41
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	14	1.41
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	13	1.41
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	10	1.41
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	20	1.41
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD21	8	1.41
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD22	8	1.41
(1,1456)	1:857:A:LEU:H	1:857:A:LEU:HD23	8	1.41
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	8	1.41
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	1	1.41
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	1	1.41
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	1	1.41
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	6	1.41
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	6	1.41
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	16	1.41
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	16	1.41
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	5	1.41
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	5	1.41
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	5	1.41
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	19	1.41
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	19	1.41
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	19	1.41
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	3	1.41
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	3	1.41
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	3	1.41
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	3	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	3	1.41
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	18	1.41
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	18	1.41
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	3	1.41
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	3	1.41
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	8	1.41
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	8	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	4	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	4	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	4	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	4	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	4	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	4	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	16	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	16	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	16	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	16	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	16	1.41
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	16	1.41
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	7	1.41
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	7	1.41
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	7	1.41
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	14	1.41
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	14	1.41
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	17	1.41
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	17	1.41
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	15	1.41
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	18	1.41
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	18	1.41
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	18	1.41
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	19	1.41
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	19	1.41
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	19	1.41
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	3	1.41
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	3	1.41
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	3	1.41
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	11	1.41
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	15	1.41
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	16	1.41
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	8	1.41
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	8	1.41
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	18	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	18	1.41
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	8	1.41
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	8	1.41
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	1	1.41
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	9	1.41
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	9	1.41
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	6	1.41
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	6	1.41
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	6	1.41
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	17	1.41
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	17	1.41
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	17	1.41
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	9	1.41
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	9	1.41
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	19	1.41
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	19	1.41
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	19	1.41
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	17	1.41
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	15	1.41
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	15	1.41
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	15	1.41
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	16	1.41
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	16	1.41
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	16	1.41
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	13	1.41
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	3	1.41
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	3	1.41
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	3	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	1	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	1	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	1	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	1	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	1	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	1	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	1	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	1	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	1	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	2	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	2	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	2	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	2	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	2	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	2	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	2	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	2	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	2	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	8	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	8	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	8	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	8	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	8	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	8	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	8	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	8	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	8	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	9	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	9	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	9	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	9	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	9	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	9	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	9	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	9	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	9	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	11	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	11	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	11	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	11	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	11	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	11	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	11	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	11	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	11	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	15	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	15	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	15	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	15	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	15	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	15	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	15	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	15	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	15	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	18	1.41
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	18	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	18	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	18	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	18	1.41
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	18	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	18	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	18	1.41
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	18	1.41
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	5	1.41
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	5	1.41
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	5	1.41
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	15	1.41
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	15	1.41
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	15	1.41
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	15	1.41
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	15	1.41
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	15	1.41
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	20	1.41
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	20	1.41
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	20	1.41
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	2	1.41
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	2	1.41
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	2	1.41
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	6	1.41
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	6	1.41
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	6	1.41
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD11	6	1.41
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD12	6	1.41
(1,829)	1:870:A:TYR:HA	1:904:A:LEU:HD13	6	1.41
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	16	1.41
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	16	1.41
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	8	1.41
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	8	1.41
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	11	1.41
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	11	1.41
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	7	1.41
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	7	1.41
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	7	1.41
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	2	1.41
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	2	1.41
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	2	1.41
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	17	1.41
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	17	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	17	1.41
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	1	1.41
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	1	1.41
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	4	1.41
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	4	1.41
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	9	1.41
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	9	1.41
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	14	1.41
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	14	1.41
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	1	1.41
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	1	1.41
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	1	1.41
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	14	1.41
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	14	1.41
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	14	1.41
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	4	1.41
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	4	1.41
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	4	1.41
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	13	1.41
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	13	1.41
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	13	1.41
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	7	1.41
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	7	1.41
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	7	1.41
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	10	1.41
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	10	1.41
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	10	1.41
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	10	1.41
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	10	1.41
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	10	1.41
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	18	1.41
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	18	1.41
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	18	1.41
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	18	1.41
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	18	1.41
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	18	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	1	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	1	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	1	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	2	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	2	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	2	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	3	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	3	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	3	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	4	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	4	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	4	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	5	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	5	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	5	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	6	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	6	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	6	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	7	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	7	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	7	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	8	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	8	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	8	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	10	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	10	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	10	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	11	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	11	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	11	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	12	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	12	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	12	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	13	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	13	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	13	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	15	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	15	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	15	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	16	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	16	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	16	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	17	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	17	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	17	1.41
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	18	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	18	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	18	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	19	1.41
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	19	1.41
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	19	1.41
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	12	1.41
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	12	1.41
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	12	1.41
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	12	1.41
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	15	1.41
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	15	1.41
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	1	1.41
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	1	1.41
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	1	1.41
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	13	1.41
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	13	1.41
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	13	1.41
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	5	1.41
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	5	1.41
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	5	1.41
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD21	6	1.41
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD22	6	1.41
(1,545)	1:885:A:MET:HE1	1:888:A:LEU:HD23	6	1.41
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD21	6	1.41
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD22	6	1.41
(1,545)	1:885:A:MET:HE2	1:888:A:LEU:HD23	6	1.41
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD21	6	1.41
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD22	6	1.41
(1,545)	1:885:A:MET:HE3	1:888:A:LEU:HD23	6	1.41
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD21	18	1.41
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD22	18	1.41
(1,543)	1:884:A:MET:HG2	1:888:A:LEU:HD23	18	1.41
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	13	1.41
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	13	1.41
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	3	1.41
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	3	1.41
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	9	1.41
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	9	1.41
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	9	1.41
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	11	1.41
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	11	1.41
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	11	1.41
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	6	1.41
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	6	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	6	1.41
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	13	1.41
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	13	1.41
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	13	1.41
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	5	1.41
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	5	1.41
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	5	1.41
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	11	1.41
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	11	1.41
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	11	1.41
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	2	1.41
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	9	1.41
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	2	1.41
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	12	1.41
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	12	1.41
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	12	1.41
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	4	1.41
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	4	1.41
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	4	1.41
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	12	1.41
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	12	1.41
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	12	1.41
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	17	1.41
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	17	1.41
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	17	1.41
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	1	1.41
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	1	1.41
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	1	1.41
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	9	1.41
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	9	1.41
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	9	1.41
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	17	1.41
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	17	1.41
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	17	1.41
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	5	1.41
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	5	1.41
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	5	1.41
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	5	1.41
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	9	1.41
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	9	1.41
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	9	1.41
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	16	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	16	1.41
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	16	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	1	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	1	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	1	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	3	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	3	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	3	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	12	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	12	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	12	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	15	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	15	1.41
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	15	1.41
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	10	1.41
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	10	1.41
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	10	1.41
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	11	1.41
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	11	1.41
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	11	1.41
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	16	1.41
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	16	1.41
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	16	1.41
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	19	1.41
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	19	1.41
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	19	1.41
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	1	1.41
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	1	1.41
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	1	1.41
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	9	1.41
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	9	1.41
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	9	1.41
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD11	4	1.41
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD12	4	1.41
(1,190)	1:829:A:LEU:HD11	1:837:A:LEU:HD13	4	1.41
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD11	4	1.41
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD12	4	1.41
(1,190)	1:829:A:LEU:HD12	1:837:A:LEU:HD13	4	1.41
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD11	4	1.41
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD12	4	1.41
(1,190)	1:829:A:LEU:HD13	1:837:A:LEU:HD13	4	1.41
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	17	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	17	1.41
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	17	1.41
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	9	1.41
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	9	1.41
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	9	1.41
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	10	1.41
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	10	1.41
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	14	1.41
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	14	1.41
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	19	1.41
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	19	1.41
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	1	1.41
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	1	1.41
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	9	1.41
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	9	1.41
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	13	1.41
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	13	1.41
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	13	1.41
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	17	1.41
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	17	1.41
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	17	1.41
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	17	1.41
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	2	1.41
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	2	1.41
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	2	1.41
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	15	1.41
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	3	1.41
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	3	1.41
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	3	1.41
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	7	1.41
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	7	1.41
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	7	1.41
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	5	1.41
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	18	1.41
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	18	1.41
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	18	1.41
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	15	1.41
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	15	1.41
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	15	1.41
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	2	1.41
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	2	1.41
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	2	1.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	14	1.41
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	14	1.41
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	14	1.41
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	8	1.41
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	8	1.41
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	8	1.41
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	8	1.41
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	8	1.41
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	8	1.41
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	19	1.41
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	19	1.41
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	19	1.41
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	19	1.41
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	19	1.41
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	19	1.41
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	20	1.41
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	20	1.41
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	20	1.41
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	4	1.4
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	4	1.4
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	20	1.4
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	20	1.4
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	2	1.4
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	2	1.4
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	10	1.4
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	10	1.4
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	19	1.4
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	19	1.4
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	19	1.4
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	19	1.4
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	20	1.4
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	20	1.4
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	1	1.4
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	1	1.4
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	16	1.4
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	16	1.4
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	16	1.4
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	16	1.4
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	9	1.4
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	9	1.4
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	10	1.4
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	10	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	3	1.4
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	3	1.4
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	3	1.4
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	3	1.4
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	2	1.4
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	2	1.4
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	18	1.4
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	18	1.4
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	18	1.4
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	18	1.4
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	18	1.4
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	18	1.4
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	7	1.4
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	7	1.4
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	11	1.4
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	11	1.4
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	11	1.4
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	11	1.4
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	11	1.4
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	11	1.4
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	7	1.4
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	7	1.4
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	7	1.4
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	6	1.4
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	6	1.4
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	8	1.4
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	8	1.4
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	2	1.4
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	2	1.4
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	6	1.4
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	6	1.4
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	6	1.4
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	6	1.4
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	12	1.4
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	12	1.4
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	1	1.4
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	1	1.4
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	1	1.4
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	1	1.4
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	1	1.4
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	1	1.4
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	19	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	19	1.4
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	7	1.4
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	7	1.4
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	20	1.4
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	20	1.4
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	20	1.4
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	20	1.4
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	20	1.4
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	20	1.4
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	9	1.4
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	9	1.4
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	9	1.4
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	9	1.4
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	6	1.4
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	6	1.4
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	13	1.4
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	13	1.4
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	12	1.4
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	12	1.4
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	12	1.4
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	11	1.4
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	1	1.4
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	1	1.4
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	16	1.4
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	5	1.4
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	5	1.4
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	5	1.4
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	19	1.4
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	19	1.4
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	19	1.4
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	6	1.4
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	6	1.4
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	6	1.4
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	4	1.4
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	4	1.4
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	4	1.4
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	12	1.4
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	12	1.4
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	12	1.4
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	20	1.4
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	20	1.4
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	20	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	17	1.4
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	17	1.4
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	12	1.4
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	12	1.4
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	12	1.4
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD13	19	1.4
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD11	19	1.4
(1,2794)	1:871:A:GLN:HA	1:874:A:LEU:HD12	19	1.4
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	15	1.4
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	15	1.4
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	13	1.4
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	13	1.4
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	13	1.4
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	19	1.4
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	19	1.4
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	19	1.4
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	20	1.4
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	20	1.4
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	20	1.4
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	12	1.4
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	12	1.4
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	12	1.4
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	10	1.4
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	17	1.4
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	9	1.4
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	2	1.4
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	15	1.4
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	2	1.4
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	6	1.4
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	6	1.4
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	6	1.4
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD1	18	1.4
(1,2667)	1:901:A:PHE:HE2	1:924:A:TYR:HD2	18	1.4
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD1	18	1.4
(1,2667)	1:901:A:PHE:HE1	1:924:A:TYR:HD2	18	1.4
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	15	1.4
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	15	1.4
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	15	1.4
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	15	1.4
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	15	1.4
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	15	1.4
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	16	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	16	1.4
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	16	1.4
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	7	1.4
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	7	1.4
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	7	1.4
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	9	1.4
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	9	1.4
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	9	1.4
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	8	1.4
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	8	1.4
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	8	1.4
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	5	1.4
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	5	1.4
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	5	1.4
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	18	1.4
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	18	1.4
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	18	1.4
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	1	1.4
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	1	1.4
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	1	1.4
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	13	1.4
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	13	1.4
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	18	1.4
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	18	1.4
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	11	1.4
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	11	1.4
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	7	1.4
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	7	1.4
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	8	1.4
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	8	1.4
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	11	1.4
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	11	1.4
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	4	1.4
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	4	1.4
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	8	1.4
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	8	1.4
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	11	1.4
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	11	1.4
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	16	1.4
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	16	1.4
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	18	1.4
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	13	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	13	1.4
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	4	1.4
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	4	1.4
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	2	1.4
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	2	1.4
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	3	1.4
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	3	1.4
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	9	1.4
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	9	1.4
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	11	1.4
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	11	1.4
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	16	1.4
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	9	1.4
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	9	1.4
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	8	1.4
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	8	1.4
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	10	1.4
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	10	1.4
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	5	1.4
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	5	1.4
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	17	1.4
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	17	1.4
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	5	1.4
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	5	1.4
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD1	6	1.4
(1,2374)	1:841:A:LEU:HD22	1:850:A:PHE:HD2	6	1.4
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD1	6	1.4
(1,2374)	1:841:A:LEU:HD23	1:850:A:PHE:HD2	6	1.4
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD1	6	1.4
(1,2374)	1:841:A:LEU:HD21	1:850:A:PHE:HD2	6	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	3	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	3	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	3	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	3	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	3	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	3	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	5	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	5	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	5	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	5	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	5	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	5	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	16	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	16	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	16	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	16	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	16	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	16	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	20	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	20	1.4
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	20	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	20	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	20	1.4
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	20	1.4
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	4	1.4
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	4	1.4
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	4	1.4
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	4	1.4
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	4	1.4
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	4	1.4
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	1	1.4
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	1	1.4
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	7	1.4
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	7	1.4
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	12	1.4
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	12	1.4
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	10	1.4
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	10	1.4
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	2	1.4
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	2	1.4
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	9	1.4
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	9	1.4
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	13	1.4
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	13	1.4
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	19	1.4
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	19	1.4
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	7	1.4
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	7	1.4
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	7	1.4
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	7	1.4
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	18	1.4
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	18	1.4
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	10	1.4
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	10	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	1	1.4
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	1	1.4
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	1	1.4
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	4	1.4
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	4	1.4
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	4	1.4
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	8	1.4
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	11	1.4
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	11	1.4
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	5	1.4
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	5	1.4
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	11	1.4
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	11	1.4
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	11	1.4
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	6	1.4
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	6	1.4
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	1	1.4
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	1	1.4
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	15	1.4
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	15	1.4
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	19	1.4
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	19	1.4
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	19	1.4
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	7	1.4
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	7	1.4
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	7	1.4
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	16	1.4
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	16	1.4
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	4	1.4
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	4	1.4
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	4	1.4
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	18	1.4
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	18	1.4
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	2	1.4
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	2	1.4
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	2	1.4
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	13	1.4
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	13	1.4
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	13	1.4
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	19	1.4
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	1	1.4
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	10	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	10	1.4
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	18	1.4
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	18	1.4
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	9	1.4
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	9	1.4
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	9	1.4
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	19	1.4
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	19	1.4
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	19	1.4
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	2	1.4
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	2	1.4
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	2	1.4
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	11	1.4
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	17	1.4
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	15	1.4
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	15	1.4
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	17	1.4
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	17	1.4
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	7	1.4
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	7	1.4
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	11	1.4
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	11	1.4
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	8	1.4
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	8	1.4
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	10	1.4
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	10	1.4
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	10	1.4
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	12	1.4
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	12	1.4
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	16	1.4
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	16	1.4
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	6	1.4
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	6	1.4
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	14	1.4
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	14	1.4
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	18	1.4
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	18	1.4
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	18	1.4
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	1	1.4
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	1	1.4
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	1	1.4
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	5	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	5	1.4
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	9	1.4
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	9	1.4
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	9	1.4
(1,1702)	1:875:A:TYR:HB2	1:878:A:LYS:H	2	1.4
(1,1702)	1:875:A:TYR:HB3	1:878:A:LYS:H	2	1.4
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	18	1.4
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	18	1.4
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	16	1.4
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	16	1.4
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	16	1.4
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	20	1.4
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	20	1.4
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	20	1.4
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	2	1.4
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	2	1.4
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	2	1.4
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	4	1.4
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	4	1.4
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	4	1.4
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	13	1.4
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	13	1.4
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	13	1.4
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	19	1.4
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	4	1.4
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	4	1.4
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	12	1.4
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	12	1.4
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	12	1.4
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	11	1.4
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	11	1.4
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	11	1.4
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	14	1.4
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	14	1.4
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	14	1.4
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	19	1.4
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	19	1.4
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	16	1.4
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	16	1.4
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	1	1.4
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	1	1.4
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	13	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	13	1.4
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	16	1.4
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	16	1.4
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	13	1.4
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	13	1.4
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	1	1.4
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	14	1.4
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	7	1.4
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	17	1.4
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	6	1.4
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	6	1.4
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	14	1.4
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	14	1.4
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	14	1.4
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	6	1.4
(1,1457)	1:857:A:LEU:H	1:857:A:LEU:HB2	19	1.4
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	6	1.4
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	12	1.4
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	12	1.4
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	12	1.4
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	13	1.4
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	13	1.4
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	13	1.4
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	1	1.4
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	1	1.4
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	1	1.4
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	17	1.4
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	17	1.4
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	17	1.4
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	18	1.4
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	18	1.4
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	18	1.4
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	6	1.4
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	6	1.4
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	19	1.4
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	19	1.4
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	19	1.4
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	8	1.4
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	8	1.4
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	17	1.4
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	17	1.4
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	17	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1361)	1:813:A:ILE:HG21	1:849:A:THR:H	20	1.4
(1,1361)	1:813:A:ILE:HG22	1:849:A:THR:H	20	1.4
(1,1361)	1:813:A:ILE:HG23	1:849:A:THR:H	20	1.4
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	12	1.4
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	12	1.4
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	17	1.4
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	17	1.4
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	8	1.4
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	8	1.4
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	8	1.4
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	8	1.4
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	8	1.4
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	13	1.4
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	13	1.4
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	13	1.4
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	11	1.4
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	17	1.4
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	17	1.4
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	5	1.4
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	5	1.4
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	5	1.4
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	11	1.4
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	11	1.4
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	10	1.4
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	12	1.4
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	5	1.4
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	5	1.4
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	5	1.4
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	2	1.4
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	2	1.4
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	2	1.4
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	4	1.4
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	4	1.4
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	4	1.4
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	15	1.4
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	15	1.4
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	15	1.4
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	17	1.4
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	17	1.4
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	17	1.4
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	1	1.4
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	1	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	1	1.4
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	12	1.4
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	12	1.4
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	12	1.4
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	14	1.4
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	14	1.4
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	14	1.4
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	15	1.4
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	15	1.4
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	15	1.4
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	3	1.4
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	3	1.4
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	3	1.4
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	18	1.4
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	18	1.4
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	18	1.4
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	18	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	3	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	3	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	3	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	7	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	7	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	7	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	9	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	9	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	9	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	13	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	13	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	13	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	15	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	15	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	15	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	18	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	18	1.4
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	18	1.4
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	2	1.4
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	2	1.4
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	2	1.4
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	18	1.4
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	18	1.4
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	18	1.4
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	12	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	12	1.4
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	12	1.4
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	15	1.4
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	15	1.4
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	18	1.4
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	20	1.4
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	2	1.4
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	2	1.4
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	12	1.4
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	12	1.4
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	9	1.4
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	9	1.4
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	9	1.4
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	14	1.4
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	14	1.4
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	14	1.4
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	2	1.4
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	9	1.4
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	14	1.4
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	4	1.4
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	4	1.4
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	4	1.4
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	11	1.4
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	11	1.4
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	11	1.4
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	17	1.4
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	4	1.4
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	4	1.4
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	14	1.4
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	14	1.4
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	19	1.4
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	19	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	4	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	4	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	4	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	4	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	4	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	4	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	4	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	4	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	4	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	5	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	5	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	5	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	5	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	5	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	5	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	5	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	5	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	5	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	6	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	6	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	6	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	6	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	6	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	6	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	6	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	6	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	6	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	7	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	7	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	7	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	7	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	7	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	7	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	7	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	7	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	7	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	10	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	10	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	10	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	10	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	10	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	10	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	10	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	10	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	10	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	12	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	12	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	12	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	12	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	12	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	12	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	12	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	12	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	12	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	13	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	13	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	13	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	13	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	13	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	13	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	13	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	13	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	13	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	14	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	14	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	14	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	14	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	14	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	14	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	14	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	14	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	14	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	16	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	16	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	16	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	16	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	16	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	16	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	16	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	16	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	16	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	17	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	17	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	17	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	17	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	17	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	17	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	17	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	17	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	17	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	19	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	19	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	19	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	19	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	19	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	19	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	19	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	19	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	19	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD23	20	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD21	20	1.4
(1,878)	1:873:A:LEU:HD22	1:900:A:LEU:HD22	20	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD23	20	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD21	20	1.4
(1,878)	1:873:A:LEU:HD23	1:900:A:LEU:HD22	20	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD23	20	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD21	20	1.4
(1,878)	1:873:A:LEU:HD21	1:900:A:LEU:HD22	20	1.4
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	11	1.4
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	11	1.4
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	11	1.4
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD21	13	1.4
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD22	13	1.4
(1,872)	1:873:A:LEU:HA	1:876:A:LEU:HD23	13	1.4
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	2	1.4
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	2	1.4
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	2	1.4
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	3	1.4
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	3	1.4
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	3	1.4
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	1	1.4
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	1	1.4
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	1	1.4
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	9	1.4
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	9	1.4
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	9	1.4
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	11	1.4
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	11	1.4
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	11	1.4
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	8	1.4
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	8	1.4
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	8	1.4
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	2	1.4
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	4	1.4
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	4	1.4
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	16	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	16	1.4
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	16	1.4
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	16	1.4
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	4	1.4
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	4	1.4
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	4	1.4
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	16	1.4
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	16	1.4
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	16	1.4
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	1	1.4
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	1	1.4
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	1	1.4
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	18	1.4
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	18	1.4
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	18	1.4
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	8	1.4
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	8	1.4
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	8	1.4
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	11	1.4
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	11	1.4
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	7	1.4
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	7	1.4
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	18	1.4
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	18	1.4
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	19	1.4
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	19	1.4
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	4	1.4
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	4	1.4
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	4	1.4
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	17	1.4
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	17	1.4
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	17	1.4
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	13	1.4
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	13	1.4
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	13	1.4
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	12	1.4
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	12	1.4
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	12	1.4
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	16	1.4
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	16	1.4
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	16	1.4
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	17	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	17	1.4
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	17	1.4
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	8	1.4
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	8	1.4
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	8	1.4
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	2	1.4
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	2	1.4
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	2	1.4
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	2	1.4
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	2	1.4
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	2	1.4
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	9	1.4
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	9	1.4
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	9	1.4
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	14	1.4
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	14	1.4
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	14	1.4
(1,656)	1:897:A:ILE:HG21	1:897:A:ILE:HG13	20	1.4
(1,656)	1:897:A:ILE:HG22	1:897:A:ILE:HG13	20	1.4
(1,656)	1:897:A:ILE:HG23	1:897:A:ILE:HG13	20	1.4
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	17	1.4
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	20	1.4
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	20	1.4
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	20	1.4
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	5	1.4
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	5	1.4
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	7	1.4
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	7	1.4
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	17	1.4
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	17	1.4
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	17	1.4
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	3	1.4
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	3	1.4
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	3	1.4
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	12	1.4
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	12	1.4
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	12	1.4
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	3	1.4
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	3	1.4
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	3	1.4
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	4	1.4
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	4	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	4	1.4
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	12	1.4
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	12	1.4
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	16	1.4
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	16	1.4
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	16	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	3	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	3	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	3	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	7	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	7	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	7	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	15	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	15	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	15	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	20	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	20	1.4
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	20	1.4
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	14	1.4
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	14	1.4
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	16	1.4
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	16	1.4
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	1	1.4
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	1	1.4
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	1	1.4
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	6	1.4
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	6	1.4
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	6	1.4
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	15	1.4
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	15	1.4
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	15	1.4
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	16	1.4
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	16	1.4
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	16	1.4
(1,384)	1:862:A:ILE:H	1:862:A:ILE:HG13	15	1.4
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	9	1.4
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	9	1.4
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	9	1.4
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	16	1.4
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	16	1.4
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	16	1.4
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	5	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	5	1.4
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	5	1.4
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	7	1.4
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	7	1.4
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	7	1.4
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	12	1.4
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	12	1.4
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	12	1.4
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	6	1.4
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	6	1.4
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	6	1.4
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	6	1.4
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	5	1.4
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	13	1.4
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	13	1.4
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	13	1.4
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	15	1.4
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	15	1.4
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	15	1.4
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB3	9	1.4
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB1	9	1.4
(1,231)	1:833:A:ALA:H	1:833:A:ALA:HB2	9	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	5	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	5	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	5	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	6	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	6	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	6	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	8	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	8	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	8	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	18	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	18	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	18	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	19	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	19	1.4
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	19	1.4
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	14	1.4
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	14	1.4
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	14	1.4
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	20	1.4
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	20	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	20	1.4
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	6	1.4
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	6	1.4
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	6	1.4
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	11	1.4
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	15	1.4
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	2	1.4
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	2	1.4
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	2	1.4
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	20	1.4
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	20	1.4
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	20	1.4
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	5	1.4
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	5	1.4
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	5	1.4
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	10	1.4
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	10	1.4
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	10	1.4
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	15	1.4
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	15	1.4
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	15	1.4
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	19	1.4
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	19	1.4
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	19	1.4
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	5	1.4
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	5	1.4
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	19	1.4
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	5	1.4
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	5	1.4
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	4	1.4
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	4	1.4
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	4	1.4
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	4	1.4
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	4	1.4
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	4	1.4
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD2	9	1.4
(1,130)	1:819:A:ARG:HB2	1:819:A:ARG:HD3	9	1.4
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	4	1.4
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	4	1.4
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	4	1.4
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	4	1.4
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	4	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	4	1.4
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	4	1.4
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	4	1.4
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	4	1.4
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	3	1.4
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	3	1.4
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	3	1.4
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	12	1.4
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	12	1.4
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	12	1.4
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	7	1.4
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	7	1.4
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	7	1.4
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	12	1.4
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	12	1.4
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	12	1.4
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	7	1.4
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	7	1.4
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	7	1.4
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	15	1.4
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	15	1.4
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	15	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	3	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	3	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	3	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	5	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	5	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	5	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	6	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	6	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	6	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	12	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	12	1.4
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	12	1.4
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	17	1.4
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	17	1.4
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	17	1.4
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	17	1.4
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	17	1.4
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	17	1.4
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	14	1.4
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	14	1.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	14	1.4
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	2	1.39
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	2	1.39
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	2	1.39
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	2	1.39
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	10	1.39
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	10	1.39
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	7	1.39
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	7	1.39
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	11	1.39
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	11	1.39
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	11	1.39
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	11	1.39
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB2	10	1.39
(1,3300)	1:881:A:ARG:H	1:882:A:PHE:HB3	10	1.39
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	14	1.39
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	14	1.39
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	15	1.39
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	15	1.39
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	16	1.39
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	16	1.39
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	8	1.39
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	8	1.39
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	8	1.39
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	8	1.39
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	4	1.39
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	4	1.39
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	4	1.39
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	4	1.39
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	5	1.39
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	5	1.39
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	2	1.39
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	2	1.39
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	2	1.39
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	2	1.39
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	2	1.39
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	2	1.39
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	1	1.39
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	1	1.39
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	1	1.39
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	2	1.39
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	2	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	4	1.39
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	4	1.39
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	14	1.39
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	14	1.39
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	16	1.39
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	16	1.39
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	15	1.39
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	15	1.39
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	19	1.39
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	19	1.39
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	20	1.39
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	20	1.39
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	15	1.39
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	15	1.39
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	2	1.39
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	2	1.39
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	13	1.39
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	13	1.39
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	11	1.39
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	11	1.39
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	11	1.39
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	11	1.39
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	11	1.39
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	11	1.39
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	11	1.39
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	11	1.39
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	9	1.39
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	9	1.39
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	9	1.39
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	9	1.39
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	8	1.39
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	8	1.39
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	8	1.39
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	8	1.39
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	8	1.39
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	8	1.39
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	1	1.39
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	1	1.39
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	6	1.39
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	6	1.39
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	6	1.39
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	6	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	14	1.39
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	14	1.39
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	14	1.39
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	14	1.39
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	14	1.39
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	14	1.39
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	12	1.39
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	12	1.39
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	13	1.39
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	13	1.39
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	13	1.39
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	12	1.39
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	12	1.39
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	12	1.39
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	15	1.39
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	15	1.39
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	15	1.39
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	5	1.39
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	5	1.39
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	5	1.39
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	7	1.39
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	7	1.39
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	7	1.39
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	19	1.39
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	19	1.39
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	19	1.39
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	3	1.39
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	5	1.39
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	5	1.39
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	5	1.39
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	12	1.39
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	12	1.39
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	12	1.39
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	9	1.39
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	9	1.39
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	19	1.39
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	19	1.39
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	13	1.39
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	13	1.39
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	13	1.39
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	11	1.39
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	11	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	11	1.39
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	12	1.39
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	12	1.39
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	12	1.39
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	1	1.39
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	1	1.39
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	1	1.39
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	8	1.39
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	8	1.39
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	8	1.39
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	16	1.39
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	16	1.39
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	16	1.39
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	6	1.39
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	17	1.39
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	1	1.39
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	4	1.39
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	7	1.39
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	7	1.39
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	7	1.39
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	15	1.39
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	15	1.39
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	15	1.39
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	17	1.39
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	17	1.39
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	2	1.39
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	2	1.39
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	2	1.39
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	2	1.39
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	2	1.39
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	2	1.39
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	15	1.39
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	15	1.39
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	15	1.39
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	1	1.39
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	13	1.39
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	13	1.39
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	2	1.39
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	2	1.39
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	9	1.39
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	9	1.39
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	1	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	1	1.39
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	3	1.39
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	19	1.39
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	10	1.39
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	10	1.39
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	10	1.39
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	10	1.39
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	17	1.39
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	17	1.39
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	18	1.39
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	18	1.39
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	17	1.39
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	17	1.39
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	17	1.39
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	17	1.39
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	12	1.39
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	12	1.39
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	14	1.39
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	14	1.39
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	6	1.39
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	6	1.39
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	1	1.39
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	1	1.39
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	1	1.39
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	14	1.39
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	14	1.39
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	14	1.39
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	6	1.39
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	6	1.39
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	12	1.39
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	12	1.39
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	12	1.39
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	12	1.39
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	12	1.39
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	12	1.39
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	18	1.39
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	18	1.39
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	18	1.39
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	18	1.39
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	18	1.39
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	18	1.39
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	14	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	14	1.39
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	8	1.39
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	8	1.39
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	8	1.39
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	8	1.39
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	8	1.39
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	8	1.39
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	8	1.39
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	8	1.39
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	3	1.39
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	3	1.39
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	8	1.39
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	8	1.39
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	1	1.39
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	1	1.39
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	1	1.39
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	1	1.39
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	1	1.39
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	1	1.39
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD11	3	1.39
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD12	3	1.39
(1,2322)	1:882:A:PHE:HD1	1:897:A:ILE:HD13	3	1.39
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD11	3	1.39
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD12	3	1.39
(1,2322)	1:882:A:PHE:HD2	1:897:A:ILE:HD13	3	1.39
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	15	1.39
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	15	1.39
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	15	1.39
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	15	1.39
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	15	1.39
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	15	1.39
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD11	6	1.39
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD12	6	1.39
(1,2315)	1:912:A:PHE:HD1	1:917:A:ILE:HD13	6	1.39
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD11	6	1.39
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD12	6	1.39
(1,2315)	1:912:A:PHE:HD2	1:917:A:ILE:HD13	6	1.39
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	11	1.39
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	11	1.39
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	15	1.39
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	15	1.39
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	15	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	15	1.39
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	15	1.39
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	15	1.39
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	6	1.39
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	6	1.39
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	15	1.39
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	15	1.39
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	15	1.39
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	15	1.39
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	16	1.39
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	16	1.39
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	12	1.39
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	20	1.39
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	20	1.39
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	15	1.39
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	15	1.39
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	15	1.39
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	19	1.39
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	19	1.39
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	19	1.39
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	4	1.39
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	4	1.39
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	4	1.39
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	10	1.39
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	10	1.39
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	10	1.39
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	19	1.39
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	19	1.39
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	19	1.39
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	17	1.39
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	17	1.39
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	6	1.39
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	4	1.39
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	4	1.39
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	16	1.39
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	1	1.39
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	1	1.39
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	1	1.39
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	8	1.39
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	8	1.39
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	8	1.39
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	10	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	10	1.39
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	10	1.39
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	9	1.39
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	11	1.39
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	5	1.39
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	16	1.39
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	16	1.39
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	13	1.39
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	13	1.39
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG2	7	1.39
(1,1847)	1:892:A:GLY:H	1:893:A:GLN:HG3	7	1.39
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	20	1.39
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG12	13	1.39
(1,1825)	1:889:A:ILE:H	1:889:A:ILE:HG13	13	1.39
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	4	1.39
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	4	1.39
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	4	1.39
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	8	1.39
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	8	1.39
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	8	1.39
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	16	1.39
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	16	1.39
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	19	1.39
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	19	1.39
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	20	1.39
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	6	1.39
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	6	1.39
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	5	1.39
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	5	1.39
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	5	1.39
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	12	1.39
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	12	1.39
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	12	1.39
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	18	1.39
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	18	1.39
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	18	1.39
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	17	1.39
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	17	1.39
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	17	1.39
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	8	1.39
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	15	1.39
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	15	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	15	1.39
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	6	1.39
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	6	1.39
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	16	1.39
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	16	1.39
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	13	1.39
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	20	1.39
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	20	1.39
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	20	1.39
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	9	1.39
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	19	1.39
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	19	1.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD21	16	1.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD22	16	1.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD23	16	1.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD11	16	1.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD12	16	1.39
(1,1501)	1:861:A:LEU:H	1:861:A:LEU:HD13	16	1.39
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	15	1.39
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	15	1.39
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	20	1.39
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	20	1.39
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	20	1.39
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	7	1.39
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	6	1.39
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	6	1.39
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	6	1.39
(1,1422)	1:853:A:LEU:HD11	1:854:A:ILE:H	5	1.39
(1,1422)	1:853:A:LEU:HD12	1:854:A:ILE:H	5	1.39
(1,1422)	1:853:A:LEU:HD13	1:854:A:ILE:H	5	1.39
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	1	1.39
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	1	1.39
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	14	1.39
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	14	1.39
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	9	1.39
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	9	1.39
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	9	1.39
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	13	1.39
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	13	1.39
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	13	1.39
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	20	1.39
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	20	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	9	1.39
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	9	1.39
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	9	1.39
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	11	1.39
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	11	1.39
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	11	1.39
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	13	1.39
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	13	1.39
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	13	1.39
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	7	1.39
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	7	1.39
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	16	1.39
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	16	1.39
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	2	1.39
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	2	1.39
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	2	1.39
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	5	1.39
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	5	1.39
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	5	1.39
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	14	1.39
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	14	1.39
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	14	1.39
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	1	1.39
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	1	1.39
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	17	1.39
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	17	1.39
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	17	1.39
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	11	1.39
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	11	1.39
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	11	1.39
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	14	1.39
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	20	1.39
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	18	1.39
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	18	1.39
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	18	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	2	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	2	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	2	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	3	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	3	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	3	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	7	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	7	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	7	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	8	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	8	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	8	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	9	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	9	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	9	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	10	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	10	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	10	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	13	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	13	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	13	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	19	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	19	1.39
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	19	1.39
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	1	1.39
(1,1197)	1:829:A:LEU:H	1:829:A:LEU:HB2	9	1.39
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	12	1.39
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	14	1.39
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	17	1.39
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	5	1.39
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	5	1.39
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	5	1.39
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	14	1.39
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	14	1.39
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	14	1.39
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	17	1.39
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	17	1.39
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	17	1.39
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	19	1.39
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	19	1.39
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	19	1.39
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	18	1.39
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	18	1.39
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	18	1.39
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	20	1.39
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	20	1.39
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	20	1.39
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	7	1.39
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	7	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	15	1.39
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	15	1.39
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	15	1.39
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	15	1.39
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	17	1.39
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	17	1.39
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	17	1.39
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	3	1.39
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	3	1.39
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	13	1.39
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	13	1.39
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	13	1.39
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	18	1.39
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	18	1.39
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	18	1.39
(1,1028)	1:862:A:ILE:H	1:862:A:ILE:HG12	15	1.39
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	20	1.39
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	10	1.39
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	10	1.39
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	12	1.39
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	12	1.39
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	12	1.39
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	13	1.39
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	13	1.39
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	17	1.39
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	2	1.39
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	2	1.39
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	11	1.39
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	11	1.39
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	11	1.39
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	5	1.39
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	5	1.39
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	5	1.39
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	5	1.39
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	5	1.39
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	5	1.39
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	10	1.39
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	10	1.39
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	10	1.39
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	10	1.39
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	10	1.39
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	10	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	13	1.39
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	13	1.39
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	13	1.39
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	7	1.39
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	7	1.39
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	7	1.39
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	11	1.39
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	11	1.39
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	11	1.39
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	7	1.39
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	7	1.39
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	14	1.39
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	16	1.39
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	16	1.39
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	16	1.39
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	19	1.39
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	19	1.39
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	19	1.39
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	5	1.39
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	5	1.39
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	11	1.39
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	11	1.39
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	7	1.39
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	7	1.39
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	7	1.39
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	13	1.39
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	13	1.39
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	13	1.39
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	13	1.39
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	13	1.39
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	13	1.39
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	15	1.39
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	15	1.39
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	15	1.39
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	15	1.39
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	15	1.39
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	15	1.39
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	3	1.39
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	1	1.39
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	1	1.39
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	1	1.39
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	20	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	20	1.39
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	20	1.39
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	20	1.39
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	20	1.39
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	20	1.39
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	7	1.39
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	7	1.39
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	7	1.39
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	19	1.39
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	19	1.39
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	19	1.39
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	12	1.39
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	12	1.39
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	12	1.39
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	18	1.39
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	18	1.39
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	18	1.39
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	19	1.39
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	19	1.39
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	19	1.39
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	16	1.39
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	16	1.39
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	1	1.39
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	1	1.39
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	1	1.39
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	9	1.39
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	9	1.39
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	9	1.39
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	18	1.39
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	18	1.39
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	18	1.39
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	7	1.39
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	2	1.39
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	2	1.39
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	2	1.39
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	14	1.39
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	14	1.39
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	14	1.39
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	8	1.39
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	8	1.39
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	8	1.39
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	8	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	6	1.39
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	19	1.39
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	19	1.39
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	19	1.39
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	8	1.39
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	8	1.39
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	8	1.39
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	11	1.39
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	11	1.39
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	11	1.39
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	14	1.39
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	14	1.39
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	14	1.39
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	3	1.39
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	3	1.39
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	3	1.39
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	15	1.39
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	15	1.39
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	15	1.39
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	8	1.39
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	8	1.39
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	8	1.39
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	15	1.39
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	15	1.39
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	15	1.39
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	14	1.39
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	14	1.39
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	14	1.39
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	8	1.39
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	14	1.39
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	14	1.39
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	14	1.39
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	11	1.39
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	7	1.39
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	7	1.39
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	7	1.39
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	5	1.39
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	5	1.39
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	5	1.39
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	4	1.39
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	4	1.39
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	14	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	14	1.39
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	15	1.39
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	15	1.39
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	11	1.39
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	3	1.39
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	3	1.39
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	3	1.39
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	6	1.39
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	6	1.39
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	6	1.39
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	5	1.39
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	5	1.39
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	5	1.39
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	19	1.39
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	19	1.39
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	19	1.39
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	19	1.39
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	19	1.39
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	19	1.39
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	16	1.39
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	16	1.39
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	16	1.39
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	20	1.39
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	3	1.39
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	3	1.39
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	3	1.39
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	8	1.39
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	8	1.39
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	8	1.39
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	18	1.39
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	18	1.39
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	18	1.39
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	5	1.39
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	5	1.39
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	5	1.39
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	5	1.39
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	5	1.39
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	5	1.39
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	13	1.39
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	13	1.39
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	13	1.39
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	13	1.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	13	1.39
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	13	1.39
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	13	1.39
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	13	1.39
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	13	1.39
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	13	1.39
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	4	1.39
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	4	1.39
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	4	1.39
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	7	1.38
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	7	1.38
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	14	1.38
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	14	1.38
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	16	1.38
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	16	1.38
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	5	1.38
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	5	1.38
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	10	1.38
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	10	1.38
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	19	1.38
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	19	1.38
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	5	1.38
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	5	1.38
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	7	1.38
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	7	1.38
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	3	1.38
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	3	1.38
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	6	1.38
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	6	1.38
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	6	1.38
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	6	1.38
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	9	1.38
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	9	1.38
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	17	1.38
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	17	1.38
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	20	1.38
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	20	1.38
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	5	1.38
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	5	1.38
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	5	1.38
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	5	1.38
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	3	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	3	1.38
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	2	1.38
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	2	1.38
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	2	1.38
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	12	1.38
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	12	1.38
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	12	1.38
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	7	1.38
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	7	1.38
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	13	1.38
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	13	1.38
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	2	1.38
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	2	1.38
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	13	1.38
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	13	1.38
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	20	1.38
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	20	1.38
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	5	1.38
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	5	1.38
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	6	1.38
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	6	1.38
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB2	5	1.38
(1,3162)	1:846:A:GLU:H	1:846:A:GLU:HB3	5	1.38
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	14	1.38
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	14	1.38
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	20	1.38
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	20	1.38
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	11	1.38
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	11	1.38
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	9	1.38
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	9	1.38
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	4	1.38
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	4	1.38
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	7	1.38
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	7	1.38
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	11	1.38
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	11	1.38
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	5	1.38
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	5	1.38
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	5	1.38
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	5	1.38
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	5	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	5	1.38
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	3	1.38
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	3	1.38
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	19	1.38
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	19	1.38
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	19	1.38
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	19	1.38
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	12	1.38
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	12	1.38
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	9	1.38
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	9	1.38
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	13	1.38
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	13	1.38
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG2	18	1.38
(1,3037)	1:803:A:PRO:HA	1:808:A:GLU:HG3	18	1.38
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	5	1.38
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	15	1.38
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	15	1.38
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	20	1.38
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	20	1.38
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	20	1.38
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	2	1.38
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	2	1.38
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	2	1.38
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	2	1.38
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	8	1.38
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	8	1.38
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	8	1.38
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	16	1.38
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	16	1.38
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	16	1.38
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	7	1.38
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	7	1.38
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	7	1.38
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	4	1.38
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	4	1.38
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	4	1.38
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	5	1.38
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	5	1.38
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	5	1.38
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	3	1.38
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	16	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	13	1.38
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	16	1.38
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	1	1.38
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	7	1.38
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	1	1.38
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	1	1.38
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	1	1.38
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	1	1.38
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	1	1.38
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	1	1.38
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	16	1.38
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	16	1.38
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	16	1.38
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	11	1.38
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	11	1.38
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	3	1.38
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	3	1.38
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	3	1.38
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	3	1.38
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	3	1.38
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	3	1.38
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	19	1.38
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	19	1.38
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	19	1.38
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	19	1.38
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	19	1.38
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	19	1.38
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	4	1.38
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	4	1.38
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	4	1.38
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	8	1.38
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	8	1.38
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	8	1.38
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	14	1.38
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	14	1.38
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	14	1.38
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	3	1.38
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	3	1.38
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	3	1.38
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	12	1.38
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	12	1.38
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	12	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	11	1.38
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	11	1.38
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	2	1.38
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	2	1.38
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	3	1.38
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	3	1.38
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	18	1.38
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	18	1.38
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	7	1.38
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	11	1.38
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	14	1.38
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	8	1.38
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	15	1.38
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	15	1.38
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	17	1.38
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	17	1.38
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	20	1.38
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	20	1.38
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	1	1.38
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	1	1.38
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	7	1.38
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	7	1.38
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	17	1.38
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	17	1.38
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	15	1.38
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	15	1.38
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	15	1.38
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	15	1.38
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	15	1.38
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	15	1.38
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	6	1.38
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	6	1.38
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	3	1.38
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	3	1.38
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	9	1.38
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	9	1.38
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	14	1.38
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	14	1.38
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	14	1.38
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	14	1.38
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	14	1.38
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	14	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	6	1.38
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	6	1.38
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	15	1.38
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	15	1.38
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	15	1.38
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	15	1.38
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	15	1.38
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	15	1.38
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	8	1.38
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	8	1.38
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	8	1.38
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	8	1.38
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	8	1.38
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	8	1.38
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	19	1.38
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	19	1.38
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	19	1.38
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	19	1.38
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	19	1.38
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	19	1.38
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	10	1.38
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	10	1.38
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	3	1.38
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	3	1.38
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	3	1.38
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	3	1.38
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	3	1.38
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	3	1.38
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	8	1.38
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	8	1.38
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	8	1.38
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	8	1.38
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	8	1.38
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	8	1.38
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	11	1.38
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	11	1.38
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	6	1.38
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	6	1.38
(1,2272)	1:870:A:TYR:HE2	1:917:A:ILE:HA	2	1.38
(1,2272)	1:870:A:TYR:HE1	1:917:A:ILE:HA	2	1.38
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	12	1.38
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	12	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	16	1.38
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	10	1.38
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	10	1.38
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	1	1.38
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	1	1.38
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	1	1.38
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	17	1.38
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	17	1.38
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	17	1.38
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	12	1.38
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	12	1.38
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	15	1.38
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	15	1.38
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	7	1.38
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	7	1.38
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	10	1.38
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	10	1.38
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	15	1.38
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	15	1.38
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	15	1.38
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	10	1.38
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	10	1.38
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	10	1.38
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	12	1.38
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	12	1.38
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	12	1.38
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	6	1.38
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	3	1.38
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	20	1.38
(1,2025)	1:867:A:SER:HB2	1:909:A:ASN:HD22	16	1.38
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	16	1.38
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	16	1.38
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	16	1.38
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	13	1.38
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	13	1.38
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	1	1.38
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	1	1.38
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	18	1.38
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	18	1.38
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	5	1.38
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	5	1.38
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	5	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	10	1.38
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	6	1.38
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	12	1.38
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	12	1.38
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	9	1.38
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	9	1.38
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	18	1.38
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	18	1.38
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	16	1.38
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	16	1.38
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	16	1.38
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	3	1.38
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	3	1.38
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	3	1.38
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	17	1.38
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	17	1.38
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	17	1.38
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	13	1.38
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	13	1.38
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	16	1.38
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	16	1.38
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	17	1.38
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	17	1.38
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	12	1.38
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	12	1.38
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	16	1.38
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	16	1.38
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	14	1.38
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	14	1.38
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	14	1.38
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	16	1.38
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	16	1.38
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	10	1.38
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	10	1.38
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	10	1.38
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	1	1.38
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	1	1.38
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	1	1.38
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	2	1.38
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	2	1.38
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	2	1.38
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	17	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	11	1.38
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	11	1.38
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	6	1.38
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	6	1.38
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	6	1.38
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	11	1.38
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	11	1.38
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	11	1.38
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	11	1.38
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	11	1.38
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	11	1.38
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	12	1.38
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	12	1.38
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	12	1.38
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	19	1.38
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	19	1.38
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	19	1.38
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	2	1.38
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	10	1.38
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	12	1.38
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	14	1.38
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	14	1.38
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	14	1.38
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	14	1.38
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	14	1.38
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	14	1.38
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	9	1.38
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	9	1.38
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	20	1.38
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	20	1.38
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	20	1.38
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	19	1.38
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	19	1.38
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	14	1.38
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	14	1.38
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE1	18	1.38
(1,1561)	1:867:A:SER:H	1:912:A:PHE:HE2	18	1.38
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	13	1.38
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	13	1.38
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	15	1.38
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	17	1.38
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	7	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	7	1.38
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	14	1.38
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	14	1.38
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	11	1.38
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	11	1.38
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	7	1.38
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	2	1.38
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	8	1.38
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	8	1.38
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	14	1.38
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	14	1.38
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	10	1.38
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	10	1.38
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	10	1.38
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	17	1.38
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	17	1.38
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	2	1.38
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	2	1.38
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	2	1.38
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	16	1.38
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	16	1.38
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	16	1.38
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	19	1.38
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	19	1.38
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	4	1.38
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	4	1.38
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	4	1.38
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	5	1.38
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	5	1.38
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	5	1.38
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	6	1.38
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	6	1.38
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	6	1.38
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG22	20	1.38
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG23	20	1.38
(1,1360)	1:849:A:THR:H	1:849:A:THR:HG21	20	1.38
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	7	1.38
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	7	1.38
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	13	1.38
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	13	1.38
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD21	7	1.38
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD22	7	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1331)	1:847:A:GLY:H	1:888:A:LEU:HD23	7	1.38
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	6	1.38
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	6	1.38
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	6	1.38
(1,1327)	1:845:A:LEU:HB2	1:846:A:GLU:H	4	1.38
(1,1327)	1:845:A:LEU:HB3	1:846:A:GLU:H	4	1.38
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	14	1.38
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	14	1.38
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	14	1.38
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	12	1.38
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	12	1.38
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	12	1.38
(1,1285)	1:838:A:PRO:HG2	1:839:A:MET:H	14	1.38
(1,1285)	1:838:A:PRO:HG3	1:839:A:MET:H	14	1.38
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD11	14	1.38
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD12	14	1.38
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD13	14	1.38
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD21	14	1.38
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD22	14	1.38
(1,1269)	1:837:A:LEU:H	1:837:A:LEU:HD23	14	1.38
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	1	1.38
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	5	1.38
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	5	1.38
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	7	1.38
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	7	1.38
(1,1251)	1:834:A:PRO:HG2	1:835:A:LYS:H	18	1.38
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	9	1.38
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	9	1.38
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	9	1.38
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	12	1.38
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	12	1.38
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	12	1.38
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	4	1.38
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	4	1.38
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	4	1.38
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	5	1.38
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	5	1.38
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	5	1.38
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	11	1.38
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	11	1.38
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	11	1.38
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	18	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	18	1.38
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	18	1.38
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	4	1.38
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	4	1.38
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	4	1.38
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	12	1.38
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	12	1.38
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	12	1.38
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	15	1.38
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	15	1.38
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	15	1.38
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	15	1.38
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	15	1.38
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	15	1.38
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	17	1.38
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	17	1.38
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	17	1.38
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	1	1.38
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	1	1.38
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	1	1.38
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	19	1.38
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	19	1.38
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	13	1.38
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	13	1.38
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	13	1.38
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	10	1.38
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	10	1.38
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	19	1.38
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	19	1.38
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	2	1.38
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	2	1.38
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	2	1.38
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	7	1.38
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	7	1.38
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	7	1.38
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	1	1.38
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	1	1.38
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	1	1.38
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	20	1.38
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	20	1.38
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	20	1.38
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	4	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	5	1.38
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	18	1.38
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	5	1.38
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	5	1.38
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	7	1.38
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	7	1.38
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	7	1.38
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	9	1.38
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	9	1.38
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	9	1.38
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	2	1.38
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	2	1.38
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	14	1.38
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	7	1.38
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	7	1.38
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	10	1.38
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	10	1.38
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	10	1.38
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	11	1.38
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	11	1.38
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	11	1.38
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	17	1.38
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	12	1.38
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	12	1.38
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	20	1.38
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	20	1.38
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	20	1.38
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	8	1.38
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	8	1.38
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	8	1.38
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	2	1.38
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	2	1.38
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	2	1.38
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	16	1.38
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	16	1.38
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	16	1.38
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	19	1.38
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	19	1.38
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	19	1.38
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	12	1.38
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	12	1.38
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	11	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	11	1.38
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	11	1.38
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	19	1.38
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	19	1.38
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	19	1.38
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	16	1.38
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	16	1.38
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	16	1.38
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	20	1.38
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	20	1.38
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	15	1.38
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	15	1.38
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	15	1.38
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	18	1.38
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	18	1.38
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	18	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	2	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	2	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	12	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	12	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	13	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	13	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	15	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	15	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	20	1.38
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	20	1.38
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	17	1.38
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	3	1.38
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	3	1.38
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	3	1.38
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	17	1.38
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	6	1.38
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	5	1.38
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	5	1.38
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	5	1.38
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	16	1.38
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	16	1.38
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	16	1.38
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	19	1.38
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	19	1.38
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	19	1.38
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	2	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	2	1.38
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	2	1.38
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	5	1.38
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	5	1.38
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	5	1.38
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	20	1.38
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	15	1.38
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	15	1.38
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	15	1.38
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	15	1.38
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE2	17	1.38
(1,626)	1:894:A:LYS:HG2	1:894:A:LYS:HE3	17	1.38
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE2	17	1.38
(1,626)	1:894:A:LYS:HG3	1:894:A:LYS:HE3	17	1.38
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	12	1.38
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	12	1.38
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	17	1.38
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	17	1.38
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	8	1.38
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	3	1.38
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	3	1.38
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	19	1.38
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	19	1.38
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	19	1.38
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	2	1.38
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	2	1.38
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	2	1.38
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	10	1.38
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	10	1.38
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	10	1.38
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	16	1.38
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	16	1.38
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	16	1.38
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	17	1.38
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	17	1.38
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	17	1.38
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	17	1.38
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	17	1.38
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	17	1.38
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	14	1.38
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	14	1.38
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	7	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	7	1.38
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	7	1.38
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	4	1.38
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	4	1.38
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	2	1.38
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	2	1.38
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	2	1.38
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	3	1.38
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	3	1.38
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	3	1.38
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	20	1.38
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	20	1.38
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	20	1.38
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	19	1.38
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	19	1.38
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	19	1.38
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	6	1.38
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	6	1.38
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	6	1.38
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	10	1.38
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	10	1.38
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	10	1.38
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	13	1.38
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	13	1.38
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	13	1.38
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	5	1.38
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	5	1.38
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	5	1.38
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	9	1.38
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	6	1.38
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	6	1.38
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	6	1.38
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	1	1.38
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	1	1.38
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	15	1.38
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	15	1.38
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	10	1.38
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	10	1.38
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	10	1.38
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	17	1.38
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	17	1.38
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	17	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	3	1.38
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	3	1.38
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	3	1.38
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	8	1.38
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	8	1.38
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	8	1.38
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	2	1.38
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	2	1.38
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	2	1.38
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	4	1.38
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	4	1.38
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	4	1.38
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	12	1.38
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	12	1.38
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	12	1.38
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	8	1.38
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	8	1.38
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	8	1.38
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	8	1.38
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	18	1.38
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	14	1.38
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	14	1.38
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	14	1.38
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	16	1.38
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	16	1.38
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	16	1.38
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	7	1.38
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	7	1.38
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	8	1.38
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	8	1.38
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	13	1.38
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	13	1.38
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	10	1.38
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	10	1.38
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	17	1.38
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	17	1.38
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	7	1.38
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	2	1.38
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	2	1.38
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	11	1.38
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	11	1.38
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	11	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	6	1.38
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	6	1.38
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	6	1.38
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	6	1.38
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	6	1.38
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	6	1.38
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	11	1.38
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	11	1.38
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	11	1.38
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	4	1.38
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	19	1.38
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	15	1.38
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	15	1.38
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	15	1.38
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	1	1.38
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	1	1.38
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	1	1.38
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	17	1.38
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	17	1.38
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	17	1.38
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	15	1.38
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	15	1.38
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	15	1.38
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD11	18	1.38
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD12	18	1.38
(1,38)	1:803:A:PRO:HB2	1:812:A:ILE:HD13	18	1.38
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	8	1.38
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	8	1.38
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	8	1.38
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	8	1.38
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	7	1.38
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	19	1.37
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	19	1.37
(1,3384)	1:921:A:LYS:HE2	1:922:A:ARG:H	15	1.37
(1,3384)	1:921:A:LYS:HE3	1:922:A:ARG:H	15	1.37
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD11	14	1.37
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD12	14	1.37
(1,3366)	1:914:A:LEU:HB2	1:914:A:LEU:HD13	14	1.37
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD11	14	1.37
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD12	14	1.37
(1,3366)	1:914:A:LEU:HB3	1:914:A:LEU:HD13	14	1.37
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	14	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	14	1.37
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	20	1.37
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	20	1.37
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	1	1.37
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	1	1.37
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	7	1.37
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	7	1.37
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	10	1.37
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	10	1.37
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	10	1.37
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	10	1.37
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	11	1.37
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	11	1.37
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	6	1.37
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	6	1.37
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	6	1.37
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	6	1.37
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	7	1.37
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	7	1.37
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	12	1.37
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	12	1.37
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	18	1.37
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	18	1.37
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	18	1.37
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	18	1.37
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	20	1.37
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	20	1.37
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG21	9	1.37
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG22	9	1.37
(1,3227)	1:857:A:LEU:CG	1:869:A:VAL:HG23	9	1.37
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	12	1.37
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	12	1.37
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	17	1.37
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	17	1.37
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	15	1.37
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	15	1.37
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	9	1.37
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	9	1.37
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	2	1.37
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	2	1.37
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	10	1.37
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	10	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	1	1.37
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	1	1.37
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	1	1.37
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	1	1.37
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	3	1.37
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	3	1.37
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	7	1.37
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	7	1.37
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	20	1.37
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	20	1.37
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	5	1.37
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	5	1.37
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	5	1.37
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	5	1.37
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	5	1.37
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	5	1.37
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	18	1.37
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	18	1.37
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	18	1.37
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	18	1.37
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	18	1.37
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	18	1.37
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	1	1.37
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	1	1.37
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	20	1.37
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	20	1.37
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	6	1.37
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	6	1.37
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	6	1.37
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	11	1.37
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	4	1.37
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	11	1.37
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	11	1.37
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	7	1.37
(1,2910)	1:897:A:ILE:HA	1:900:A:LEU:HB2	2	1.37
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	17	1.37
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	17	1.37
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	17	1.37
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	10	1.37
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	10	1.37
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	10	1.37
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	13	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	13	1.37
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	13	1.37
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	15	1.37
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	15	1.37
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	15	1.37
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	17	1.37
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	17	1.37
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	17	1.37
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	4	1.37
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	4	1.37
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	4	1.37
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	1	1.37
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	1	1.37
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	1	1.37
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	1	1.37
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	1	1.37
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	1	1.37
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	9	1.37
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	9	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	4	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	4	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	4	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	8	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	8	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	8	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	17	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	17	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	17	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	18	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	18	1.37
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	18	1.37
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	18	1.37
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	18	1.37
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	18	1.37
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	7	1.37
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	7	1.37
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	7	1.37
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	17	1.37
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	17	1.37
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	17	1.37
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	4	1.37
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	4	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	4	1.37
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	13	1.37
(1,2724)	1:849:A:THR:HA	1:852:A:LEU:HB2	2	1.37
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	18	1.37
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	20	1.37
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	5	1.37
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	5	1.37
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	5	1.37
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	18	1.37
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	18	1.37
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	18	1.37
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	18	1.37
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	18	1.37
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	18	1.37
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	1	1.37
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	1	1.37
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	1	1.37
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	1	1.37
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	1	1.37
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	1	1.37
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	4	1.37
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	4	1.37
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	4	1.37
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	7	1.37
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	7	1.37
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	7	1.37
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	4	1.37
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	4	1.37
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	4	1.37
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	4	1.37
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	3	1.37
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	3	1.37
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	16	1.37
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	16	1.37
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	16	1.37
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	16	1.37
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	16	1.37
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	16	1.37
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	5	1.37
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	5	1.37
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	5	1.37
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG22	13	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG23	13	1.37
(1,2618)	1:827:A:HIS:HE1	1:831:A:ILE:HG21	13	1.37
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	12	1.37
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	12	1.37
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	12	1.37
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	12	1.37
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	12	1.37
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	12	1.37
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	6	1.37
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	6	1.37
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	3	1.37
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	3	1.37
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	6	1.37
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	6	1.37
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	8	1.37
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	8	1.37
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	8	1.37
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	12	1.37
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	12	1.37
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	12	1.37
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	10	1.37
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	10	1.37
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	11	1.37
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	11	1.37
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	4	1.37
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	4	1.37
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	4	1.37
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	6	1.37
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	6	1.37
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	15	1.37
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	15	1.37
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	4	1.37
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	4	1.37
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	4	1.37
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	17	1.37
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	15	1.37
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	15	1.37
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	3	1.37
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	3	1.37
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	17	1.37
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	17	1.37
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	16	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	16	1.37
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	18	1.37
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	18	1.37
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	1	1.37
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	1	1.37
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	2	1.37
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	2	1.37
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	3	1.37
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	3	1.37
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	11	1.37
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	11	1.37
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	15	1.37
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	15	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	8	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	8	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	8	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	8	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	8	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	8	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	9	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	9	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	9	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	9	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	9	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	9	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	14	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	14	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	14	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	14	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	14	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	14	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	19	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	19	1.37
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	19	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	19	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	19	1.37
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	19	1.37
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	12	1.37
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	12	1.37
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	12	1.37
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	12	1.37
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	12	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	12	1.37
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	13	1.37
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	13	1.37
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	15	1.37
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	15	1.37
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	15	1.37
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	15	1.37
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	15	1.37
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	15	1.37
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	9	1.37
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	9	1.37
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	9	1.37
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	9	1.37
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	9	1.37
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	9	1.37
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	2	1.37
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	2	1.37
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	16	1.37
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	16	1.37
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	10	1.37
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	10	1.37
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	3	1.37
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	3	1.37
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	13	1.37
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	13	1.37
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	1	1.37
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	1	1.37
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	1	1.37
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	1	1.37
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	1	1.37
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	1	1.37
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	5	1.37
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	18	1.37
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	18	1.37
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	3	1.37
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	3	1.37
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	3	1.37
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	7	1.37
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	7	1.37
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	7	1.37
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	20	1.37
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	20	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	20	1.37
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	10	1.37
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	10	1.37
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	10	1.37
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	5	1.37
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	7	1.37
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	17	1.37
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	18	1.37
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	19	1.37
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	13	1.37
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	13	1.37
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	13	1.37
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	9	1.37
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	9	1.37
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	20	1.37
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	20	1.37
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	16	1.37
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	16	1.37
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	19	1.37
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	19	1.37
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	6	1.37
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	6	1.37
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	19	1.37
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	19	1.37
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	8	1.37
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	19	1.37
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	2	1.37
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	2	1.37
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	10	1.37
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	18	1.37
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	8	1.37
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	8	1.37
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	9	1.37
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	9	1.37
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	1	1.37
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	1	1.37
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	1	1.37
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	8	1.37
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	16	1.37
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	16	1.37
(1,1861)	1:893:A:GLN:HG2	1:893:A:GLN:HE21	7	1.37
(1,1861)	1:893:A:GLN:HG3	1:893:A:GLN:HE21	7	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	20	1.37
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	20	1.37
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	3	1.37
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	3	1.37
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	3	1.37
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	10	1.37
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	10	1.37
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	10	1.37
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	5	1.37
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	5	1.37
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	5	1.37
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	3	1.37
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	3	1.37
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	3	1.37
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	10	1.37
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	15	1.37
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	15	1.37
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	1	1.37
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	15	1.37
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	15	1.37
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	15	1.37
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	7	1.37
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	7	1.37
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	8	1.37
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	8	1.37
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	6	1.37
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	6	1.37
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	14	1.37
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	12	1.37
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	12	1.37
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	9	1.37
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	9	1.37
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	13	1.37
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	13	1.37
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	13	1.37
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	18	1.37
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	18	1.37
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	18	1.37
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	3	1.37
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	3	1.37
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	3	1.37
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	4	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	4	1.37
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	4	1.37
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	5	1.37
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	5	1.37
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	5	1.37
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	8	1.37
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	8	1.37
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	5	1.37
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	5	1.37
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	1	1.37
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	1	1.37
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	1	1.37
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	8	1.37
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	16	1.37
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	16	1.37
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	16	1.37
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	10	1.37
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	12	1.37
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	12	1.37
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	12	1.37
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	12	1.37
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	20	1.37
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	15	1.37
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	15	1.37
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	8	1.37
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	8	1.37
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	8	1.37
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	16	1.37
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	16	1.37
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	16	1.37
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB1	17	1.37
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB2	17	1.37
(1,1207)	1:830:A:ALA:H	1:830:A:ALA:HB3	17	1.37
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	18	1.37
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	8	1.37
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	2	1.37
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	2	1.37
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	2	1.37
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	10	1.37
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	10	1.37
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	10	1.37
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	7	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	15	1.37
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	15	1.37
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	9	1.37
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	17	1.37
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	5	1.37
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	5	1.37
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	6	1.37
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	6	1.37
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	17	1.37
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	17	1.37
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	17	1.37
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	8	1.37
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	17	1.37
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	17	1.37
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	17	1.37
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	1	1.37
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	1	1.37
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	1	1.37
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	6	1.37
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	6	1.37
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	6	1.37
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	1	1.37
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	15	1.37
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	18	1.37
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	18	1.37
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	4	1.37
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	4	1.37
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	4	1.37
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	18	1.37
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	18	1.37
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	18	1.37
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	17	1.37
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	17	1.37
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	17	1.37
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	17	1.37
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	17	1.37
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	17	1.37
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	19	1.37
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	19	1.37
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	19	1.37
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	10	1.37
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	10	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	10	1.37
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	7	1.37
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	3	1.37
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	3	1.37
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	6	1.37
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	6	1.37
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	13	1.37
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	13	1.37
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	13	1.37
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	13	1.37
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	13	1.37
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	13	1.37
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	18	1.37
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	18	1.37
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	18	1.37
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	5	1.37
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	5	1.37
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	5	1.37
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	20	1.37
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	20	1.37
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	20	1.37
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	16	1.37
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	16	1.37
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	16	1.37
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	6	1.37
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	6	1.37
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	10	1.37
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	10	1.37
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	10	1.37
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	9	1.37
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	19	1.37
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	19	1.37
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	19	1.37
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	10	1.37
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	1	1.37
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	1	1.37
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	1	1.37
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	10	1.37
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	10	1.37
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	10	1.37
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	16	1.37
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	16	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	16	1.37
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	6	1.37
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	6	1.37
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	6	1.37
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	6	1.37
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	6	1.37
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	6	1.37
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	8	1.37
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	8	1.37
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	17	1.37
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	17	1.37
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	4	1.37
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	4	1.37
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	4	1.37
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	7	1.37
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	7	1.37
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	7	1.37
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	14	1.37
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	14	1.37
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	14	1.37
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	14	1.37
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	14	1.37
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	14	1.37
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	5	1.37
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	5	1.37
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	6	1.37
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	6	1.37
(1,493)	1:874:A:LEU:HD21	1:878:A:LYS:HE3	7	1.37
(1,493)	1:874:A:LEU:HD22	1:878:A:LYS:HE3	7	1.37
(1,493)	1:874:A:LEU:HD23	1:878:A:LYS:HE3	7	1.37
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	5	1.37
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	5	1.37
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	5	1.37
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	8	1.37
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	8	1.37
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	8	1.37
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD11	10	1.37
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD12	10	1.37
(1,428)	1:868:A:LEU:HA	1:868:A:LEU:HD13	10	1.37
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD11	4	1.37
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD12	4	1.37
(1,414)	1:866:A:PRO:HA	1:904:A:LEU:HD13	4	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	3	1.37
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	3	1.37
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	3	1.37
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	14	1.37
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	14	1.37
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	14	1.37
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	17	1.37
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	17	1.37
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	17	1.37
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	7	1.37
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	7	1.37
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	7	1.37
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	8	1.37
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	5	1.37
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	9	1.37
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	9	1.37
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	9	1.37
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	19	1.37
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	19	1.37
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	19	1.37
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	7	1.37
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	7	1.37
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	7	1.37
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	5	1.37
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	5	1.37
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	5	1.37
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	15	1.37
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	15	1.37
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	15	1.37
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	20	1.37
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	20	1.37
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	20	1.37
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	4	1.37
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	4	1.37
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	4	1.37
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	2	1.37
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	2	1.37
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	2	1.37
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	6	1.37
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	6	1.37
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	6	1.37
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	9	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	9	1.37
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	9	1.37
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD22	19	1.37
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD23	19	1.37
(1,266)	1:841:A:LEU:HA	1:841:A:LEU:HD21	19	1.37
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	11	1.37
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	11	1.37
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	11	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	9	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	9	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	9	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	11	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	11	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	11	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	12	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	12	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	12	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	14	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	14	1.37
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	14	1.37
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	11	1.37
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	11	1.37
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	11	1.37
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	9	1.37
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	9	1.37
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	7	1.37
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	7	1.37
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	7	1.37
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	13	1.37
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	13	1.37
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	13	1.37
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD11	19	1.37
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD12	19	1.37
(1,191)	1:829:A:LEU:HB3	1:829:A:LEU:HD13	19	1.37
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	11	1.37
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	11	1.37
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	11	1.37
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	1	1.37
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	1	1.37
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	1	1.37
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	4	1.37
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	13	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	13	1.37
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	13	1.37
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	1	1.37
(1,159)	1:826:A:ALA:HA	1:861:A:LEU:HG	11	1.37
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	3	1.37
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	3	1.37
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	19	1.37
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	19	1.37
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	7	1.37
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	7	1.37
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	7	1.37
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	7	1.37
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	7	1.37
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	7	1.37
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	7	1.37
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	7	1.37
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	7	1.37
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	8	1.37
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	8	1.37
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	8	1.37
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	20	1.37
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	20	1.37
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	20	1.37
(1,102)	1:813:A:ILE:HG21	1:814:A:ASN:HB3	20	1.37
(1,102)	1:813:A:ILE:HG22	1:814:A:ASN:HB3	20	1.37
(1,102)	1:813:A:ILE:HG23	1:814:A:ASN:HB3	20	1.37
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	11	1.37
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	11	1.37
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	11	1.37
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	11	1.37
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	11	1.37
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	11	1.37
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	15	1.37
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	15	1.37
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	15	1.37
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	15	1.37
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	15	1.37
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	15	1.37
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	13	1.37
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	13	1.37
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	13	1.37
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	15	1.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	15	1.37
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	15	1.37
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	9	1.37
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	11	1.37
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	11	1.37
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	11	1.37
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	14	1.37
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	14	1.37
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	14	1.37
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	9	1.37
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	9	1.37
(1,70)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	9	1.37
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	14	1.37
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	14	1.37
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	14	1.37
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	15	1.37
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	15	1.37
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	15	1.37
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	20	1.37
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	20	1.37
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	20	1.37
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	16	1.37
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	16	1.37
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	16	1.37
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	16	1.37
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	16	1.37
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	16	1.37
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	20	1.37
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	20	1.37
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	20	1.37
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	1	1.36
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	1	1.36
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	20	1.36
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	20	1.36
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	14	1.36
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	14	1.36
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	6	1.36
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	6	1.36
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	2	1.36
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	2	1.36
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	17	1.36
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	17	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	17	1.36
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	17	1.36
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	19	1.36
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	19	1.36
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	19	1.36
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	19	1.36
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	14	1.36
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	14	1.36
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	11	1.36
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	11	1.36
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	16	1.36
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	16	1.36
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	1	1.36
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	1	1.36
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	18	1.36
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	18	1.36
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	9	1.36
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	9	1.36
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	3	1.36
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	3	1.36
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	4	1.36
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	4	1.36
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	10	1.36
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	10	1.36
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	13	1.36
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	13	1.36
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	1	1.36
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	1	1.36
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	3	1.36
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	3	1.36
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	9	1.36
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	9	1.36
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	3	1.36
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	3	1.36
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	4	1.36
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	4	1.36
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	4	1.36
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	4	1.36
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	4	1.36
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	4	1.36
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	15	1.36
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	15	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	15	1.36
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB2	4	1.36
(1,3100)	1:826:A:ALA:HB1	1:856:A:SER:HB3	4	1.36
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB2	4	1.36
(1,3100)	1:826:A:ALA:HB2	1:856:A:SER:HB3	4	1.36
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB2	4	1.36
(1,3100)	1:826:A:ALA:HB3	1:856:A:SER:HB3	4	1.36
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	19	1.36
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	19	1.36
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	13	1.36
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	13	1.36
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	7	1.36
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	7	1.36
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	4	1.36
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	4	1.36
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	4	1.36
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	4	1.36
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	4	1.36
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	4	1.36
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	2	1.36
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	2	1.36
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	2	1.36
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	2	1.36
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	2	1.36
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	2	1.36
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	16	1.36
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	16	1.36
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	16	1.36
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	16	1.36
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	16	1.36
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	16	1.36
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	19	1.36
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	19	1.36
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	15	1.36
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	15	1.36
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	4	1.36
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	4	1.36
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	16	1.36
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	16	1.36
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	17	1.36
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	17	1.36
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	5	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	5	1.36
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	4	1.36
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	4	1.36
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	4	1.36
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	4	1.36
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	12	1.36
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	15	1.36
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	15	1.36
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	15	1.36
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD11	10	1.36
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD12	10	1.36
(1,2906)	1:812:A:ILE:HA	1:828:A:LEU:HD13	10	1.36
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	10	1.36
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	10	1.36
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	10	1.36
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	8	1.36
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	8	1.36
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	8	1.36
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	12	1.36
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	12	1.36
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	12	1.36
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	18	1.36
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	18	1.36
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	18	1.36
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	8	1.36
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	8	1.36
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	8	1.36
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	6	1.36
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	6	1.36
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	6	1.36
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	16	1.36
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	16	1.36
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	16	1.36
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	11	1.36
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	11	1.36
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	11	1.36
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	6	1.36
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	17	1.36
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	19	1.36
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	19	1.36
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	19	1.36
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	2	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	2	1.36
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	2	1.36
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	5	1.36
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	5	1.36
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	5	1.36
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	20	1.36
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	20	1.36
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	20	1.36
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	10	1.36
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	10	1.36
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	10	1.36
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	15	1.36
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	15	1.36
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	15	1.36
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	18	1.36
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	18	1.36
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	18	1.36
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	6	1.36
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	6	1.36
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	6	1.36
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	2	1.36
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	14	1.36
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	12	1.36
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	12	1.36
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	18	1.36
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	18	1.36
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	4	1.36
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	9	1.36
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	2	1.36
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	16	1.36
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	12	1.36
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	15	1.36
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	4	1.36
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	11	1.36
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	4	1.36
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	4	1.36
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	4	1.36
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	1	1.36
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	1	1.36
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	1	1.36
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	12	1.36
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	12	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	12	1.36
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	20	1.36
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	20	1.36
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	20	1.36
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	17	1.36
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	17	1.36
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	8	1.36
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	17	1.36
(1,2641)	1:829:A:LEU:HD11	1:872:A:HIS:HE1	20	1.36
(1,2641)	1:829:A:LEU:HD12	1:872:A:HIS:HE1	20	1.36
(1,2641)	1:829:A:LEU:HD13	1:872:A:HIS:HE1	20	1.36
(1,2623)	1:900:A:LEU:HD23	1:901:A:PHE:H	12	1.36
(1,2623)	1:900:A:LEU:HD21	1:901:A:PHE:H	12	1.36
(1,2623)	1:900:A:LEU:HD22	1:901:A:PHE:H	12	1.36
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	8	1.36
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	8	1.36
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	8	1.36
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	11	1.36
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	11	1.36
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	17	1.36
(1,2562)	1:861:A:LEU:HB2	1:863:A:GLU:H	7	1.36
(1,2562)	1:861:A:LEU:HB3	1:863:A:GLU:H	7	1.36
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	8	1.36
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	12	1.36
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	2	1.36
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	2	1.36
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	9	1.36
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	12	1.36
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	12	1.36
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	4	1.36
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	4	1.36
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	7	1.36
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	7	1.36
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	18	1.36
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	19	1.36
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	19	1.36
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	19	1.36
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	2	1.36
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	2	1.36
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	18	1.36
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	18	1.36
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	17	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	17	1.36
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	18	1.36
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	18	1.36
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	18	1.36
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	18	1.36
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	18	1.36
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	18	1.36
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	9	1.36
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	9	1.36
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	9	1.36
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	9	1.36
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	9	1.36
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	9	1.36
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD12	12	1.36
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD13	12	1.36
(1,2342)	1:850:A:PHE:HE1	1:886:A:LEU:HD11	12	1.36
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD12	12	1.36
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD13	12	1.36
(1,2342)	1:850:A:PHE:HE2	1:886:A:LEU:HD11	12	1.36
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	9	1.36
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	9	1.36
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	4	1.36
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	4	1.36
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	11	1.36
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	11	1.36
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	17	1.36
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	17	1.36
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	17	1.36
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	17	1.36
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	17	1.36
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	17	1.36
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	12	1.36
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	12	1.36
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	20	1.36
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	20	1.36
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	1	1.36
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	1	1.36
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	18	1.36
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	18	1.36
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	17	1.36
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	17	1.36
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	16	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	16	1.36
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	16	1.36
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	16	1.36
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	16	1.36
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	16	1.36
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	9	1.36
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	9	1.36
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	11	1.36
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	11	1.36
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	11	1.36
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	11	1.36
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	11	1.36
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	11	1.36
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	18	1.36
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	18	1.36
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	18	1.36
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	18	1.36
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	18	1.36
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	18	1.36
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	5	1.36
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	5	1.36
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	4	1.36
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	4	1.36
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	4	1.36
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	6	1.36
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	6	1.36
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	6	1.36
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	17	1.36
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	17	1.36
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	17	1.36
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	8	1.36
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	8	1.36
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	8	1.36
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD1	9	1.36
(1,2249)	1:897:A:ILE:HD11	1:924:A:TYR:HD2	9	1.36
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD1	9	1.36
(1,2249)	1:897:A:ILE:HD12	1:924:A:TYR:HD2	9	1.36
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD1	9	1.36
(1,2249)	1:897:A:ILE:HD13	1:924:A:TYR:HD2	9	1.36
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	3	1.36
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	1	1.36
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	1	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	3	1.36
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	3	1.36
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	8	1.36
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	8	1.36
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	18	1.36
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	18	1.36
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	19	1.36
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	19	1.36
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	1	1.36
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	8	1.36
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	13	1.36
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	8	1.36
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	8	1.36
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	8	1.36
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	14	1.36
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	14	1.36
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	14	1.36
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	18	1.36
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	18	1.36
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	18	1.36
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	4	1.36
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	4	1.36
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	9	1.36
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	9	1.36
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	9	1.36
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	10	1.36
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	10	1.36
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	10	1.36
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	7	1.36
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	11	1.36
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	12	1.36
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	4	1.36
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	9	1.36
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	19	1.36
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	19	1.36
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	11	1.36
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	11	1.36
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	12	1.36
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	12	1.36
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	12	1.36
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	15	1.36
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	15	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	15	1.36
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	17	1.36
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	17	1.36
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	17	1.36
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	18	1.36
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	12	1.36
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	12	1.36
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	12	1.36
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	11	1.36
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	11	1.36
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	10	1.36
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	10	1.36
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	2	1.36
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	2	1.36
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	16	1.36
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	16	1.36
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	16	1.36
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	16	1.36
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	1	1.36
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	1	1.36
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	17	1.36
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	17	1.36
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	17	1.36
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	13	1.36
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	13	1.36
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	4	1.36
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	4	1.36
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	4	1.36
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	13	1.36
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	18	1.36
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	18	1.36
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	18	1.36
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	18	1.36
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	10	1.36
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	10	1.36
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	10	1.36
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	13	1.36
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	13	1.36
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	13	1.36
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	18	1.36
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	18	1.36
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	18	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	1	1.36
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	1	1.36
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	1	1.36
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	8	1.36
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	8	1.36
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	9	1.36
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	9	1.36
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	2	1.36
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	2	1.36
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	4	1.36
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	4	1.36
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	4	1.36
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	4	1.36
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	7	1.36
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	7	1.36
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	7	1.36
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	14	1.36
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	14	1.36
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	14	1.36
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	16	1.36
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	16	1.36
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	16	1.36
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	16	1.36
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	15	1.36
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	19	1.36
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	19	1.36
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	5	1.36
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	5	1.36
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	5	1.36
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	11	1.36
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	11	1.36
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	11	1.36
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	1	1.36
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	1	1.36
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	1	1.36
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	14	1.36
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	14	1.36
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	14	1.36
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	3	1.36
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	3	1.36
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	12	1.36
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	12	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	12	1.36
(1,1375)	1:845:A:LEU:HD21	1:851:A:LEU:H	18	1.36
(1,1375)	1:845:A:LEU:HD22	1:851:A:LEU:H	18	1.36
(1,1375)	1:845:A:LEU:HD23	1:851:A:LEU:H	18	1.36
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	16	1.36
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	16	1.36
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	16	1.36
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	19	1.36
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	19	1.36
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	19	1.36
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	14	1.36
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	14	1.36
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	14	1.36
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	16	1.36
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	16	1.36
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	16	1.36
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	8	1.36
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	8	1.36
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	6	1.36
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	9	1.36
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	9	1.36
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	17	1.36
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	17	1.36
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	12	1.36
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	12	1.36
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	2	1.36
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	10	1.36
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	16	1.36
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	1	1.36
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	1	1.36
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	1	1.36
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	3	1.36
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	3	1.36
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	3	1.36
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	10	1.36
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	10	1.36
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	10	1.36
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	4	1.36
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	4	1.36
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	4	1.36
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	9	1.36
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	9	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	18	1.36
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	18	1.36
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	18	1.36
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	8	1.36
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	8	1.36
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	14	1.36
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	14	1.36
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	5	1.36
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	5	1.36
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	5	1.36
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	6	1.36
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	6	1.36
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	6	1.36
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	14	1.36
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	14	1.36
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	14	1.36
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	18	1.36
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	18	1.36
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	18	1.36
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	11	1.36
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	5	1.36
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	5	1.36
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	5	1.36
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	10	1.36
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	10	1.36
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	10	1.36
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	16	1.36
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	16	1.36
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	16	1.36
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	12	1.36
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	12	1.36
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	12	1.36
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	17	1.36
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	17	1.36
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	17	1.36
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	3	1.36
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	3	1.36
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	3	1.36
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	11	1.36
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	11	1.36
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	20	1.36
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	20	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	20	1.36
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	20	1.36
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	20	1.36
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	13	1.36
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	13	1.36
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	13	1.36
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	13	1.36
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	13	1.36
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	13	1.36
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	15	1.36
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	15	1.36
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	15	1.36
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	20	1.36
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	20	1.36
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	20	1.36
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	2	1.36
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	2	1.36
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	2	1.36
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	9	1.36
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	9	1.36
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	9	1.36
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	19	1.36
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	19	1.36
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	19	1.36
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	3	1.36
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	3	1.36
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	2	1.36
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	2	1.36
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	2	1.36
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	10	1.36
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	15	1.36
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	11	1.36
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	11	1.36
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	11	1.36
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	18	1.36
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	18	1.36
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	18	1.36
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	20	1.36
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	20	1.36
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	20	1.36
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD11	6	1.36
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD12	6	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,666)	1:894:A:LYS:HA	1:897:A:ILE:HD13	6	1.36
(1,646)	1:897:A:ILE:HA	1:900:A:LEU:HB3	2	1.36
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	4	1.36
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	4	1.36
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	18	1.36
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	18	1.36
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	9	1.36
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	9	1.36
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	4	1.36
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	4	1.36
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	4	1.36
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	4	1.36
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	4	1.36
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	4	1.36
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	18	1.36
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	18	1.36
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	18	1.36
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	11	1.36
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	11	1.36
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	11	1.36
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	16	1.36
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	16	1.36
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	16	1.36
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG21	5	1.36
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG22	5	1.36
(1,538)	1:857:A:LEU:HA	1:869:A:VAL:HG23	5	1.36
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	7	1.36
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	7	1.36
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	13	1.36
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	13	1.36
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	17	1.36
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	17	1.36
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	20	1.36
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	20	1.36
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	20	1.36
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	4	1.36
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	4	1.36
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	4	1.36
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	8	1.36
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	8	1.36
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	8	1.36
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	7	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	7	1.36
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	7	1.36
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	18	1.36
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	18	1.36
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	18	1.36
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	12	1.36
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	16	1.36
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	17	1.36
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	17	1.36
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	17	1.36
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	18	1.36
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	18	1.36
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	18	1.36
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	6	1.36
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	6	1.36
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	3	1.36
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	3	1.36
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	3	1.36
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	7	1.36
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	7	1.36
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	7	1.36
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	7	1.36
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	7	1.36
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	7	1.36
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	20	1.36
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	1	1.36
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	1	1.36
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	1	1.36
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	1	1.36
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	1	1.36
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	1	1.36
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	18	1.36
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	18	1.36
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	18	1.36
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	5	1.36
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	5	1.36
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	5	1.36
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	14	1.36
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	9	1.36
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	9	1.36
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	9	1.36
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	12	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	12	1.36
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	12	1.36
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	3	1.36
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	3	1.36
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	3	1.36
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	16	1.36
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	9	1.36
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	9	1.36
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	9	1.36
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	3	1.36
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	3	1.36
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	3	1.36
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	2	1.36
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	2	1.36
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	5	1.36
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	5	1.36
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	2	1.36
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	20	1.36
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	20	1.36
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	20	1.36
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	16	1.36
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	16	1.36
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	16	1.36
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	19	1.36
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	19	1.36
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	19	1.36
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	7	1.36
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	10	1.36
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	14	1.36
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	1	1.36
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	1	1.36
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	1	1.36
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD11	10	1.36
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD12	10	1.36
(1,71)	1:809:A:PHE:HA	1:812:A:ILE:HD13	10	1.36
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	2	1.36
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	3	1.36
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	3	1.36
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	3	1.36
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	20	1.36
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	20	1.36
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	20	1.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	20	1.36
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	20	1.36
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	20	1.36
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	7	1.36
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	7	1.36
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	7	1.36
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	7	1.36
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	7	1.36
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	7	1.36
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	6	1.36
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	6	1.36
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	6	1.36
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	8	1.35
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	8	1.35
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	8	1.35
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	8	1.35
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	6	1.35
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	6	1.35
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	10	1.35
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	10	1.35
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	13	1.35
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	13	1.35
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	6	1.35
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	6	1.35
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	11	1.35
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	11	1.35
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	17	1.35
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	17	1.35
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	3	1.35
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	3	1.35
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	3	1.35
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	3	1.35
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	6	1.35
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	6	1.35
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	7	1.35
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	7	1.35
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	15	1.35
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	15	1.35
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	20	1.35
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	20	1.35
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	16	1.35
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	16	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	16	1.35
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	16	1.35
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	5	1.35
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	5	1.35
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	5	1.35
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	5	1.35
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	12	1.35
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	12	1.35
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	3	1.35
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	3	1.35
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	3	1.35
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	3	1.35
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	15	1.35
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	15	1.35
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	7	1.35
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	7	1.35
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	7	1.35
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	7	1.35
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	7	1.35
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	7	1.35
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	17	1.35
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	17	1.35
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	17	1.35
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	17	1.35
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	17	1.35
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	17	1.35
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	18	1.35
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	18	1.35
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	14	1.35
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	14	1.35
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	9	1.35
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	9	1.35
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	14	1.35
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	14	1.35
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	9	1.35
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	9	1.35
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	16	1.35
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	16	1.35
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	10	1.35
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	10	1.35
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	11	1.35
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	11	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	2	1.35
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	2	1.35
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	13	1.35
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	13	1.35
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	14	1.35
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	14	1.35
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	7	1.35
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	7	1.35
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	6	1.35
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	6	1.35
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	6	1.35
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	6	1.35
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	12	1.35
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	12	1.35
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	18	1.35
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	18	1.35
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	3	1.35
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	3	1.35
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	20	1.35
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	20	1.35
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	20	1.35
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	20	1.35
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	14	1.35
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	14	1.35
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	3	1.35
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	3	1.35
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	15	1.35
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	15	1.35
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	15	1.35
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	15	1.35
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	15	1.35
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	15	1.35
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	11	1.35
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	11	1.35
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	3	1.35
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	3	1.35
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	6	1.35
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	6	1.35
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	7	1.35
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	7	1.35
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD12	14	1.35
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD13	14	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2988)	1:813:A:ILE:H	1:816:A:LEU:HD11	14	1.35
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	20	1.35
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	20	1.35
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	6	1.35
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	6	1.35
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	6	1.35
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	13	1.35
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	13	1.35
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	13	1.35
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	4	1.35
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	4	1.35
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	4	1.35
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	17	1.35
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	17	1.35
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	17	1.35
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	16	1.35
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	6	1.35
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	6	1.35
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	6	1.35
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	2	1.35
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	2	1.35
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	2	1.35
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	2	1.35
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	2	1.35
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	2	1.35
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	10	1.35
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	10	1.35
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	10	1.35
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	12	1.35
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	12	1.35
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	12	1.35
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	18	1.35
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	14	1.35
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	14	1.35
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	14	1.35
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	14	1.35
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	14	1.35
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	14	1.35
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	12	1.35
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	12	1.35
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	6	1.35
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	6	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	6	1.35
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	10	1.35
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	10	1.35
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	10	1.35
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	15	1.35
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	15	1.35
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	15	1.35
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	3	1.35
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	3	1.35
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	3	1.35
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	9	1.35
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	9	1.35
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	9	1.35
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	11	1.35
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	11	1.35
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	11	1.35
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	2	1.35
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	2	1.35
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	2	1.35
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	8	1.35
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	8	1.35
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	8	1.35
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	20	1.35
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	20	1.35
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	20	1.35
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	16	1.35
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	16	1.35
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	16	1.35
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	9	1.35
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	3	1.35
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	1	1.35
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	9	1.35
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	3	1.35
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	6	1.35
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	19	1.35
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	16	1.35
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	16	1.35
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	16	1.35
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	4	1.35
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	4	1.35
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	4	1.35
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	4	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	4	1.35
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	4	1.35
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	9	1.35
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	9	1.35
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	9	1.35
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	9	1.35
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	9	1.35
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	9	1.35
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	10	1.35
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	10	1.35
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	10	1.35
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	10	1.35
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	10	1.35
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	10	1.35
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	16	1.35
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	19	1.35
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	19	1.35
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	19	1.35
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	4	1.35
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	4	1.35
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	4	1.35
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	13	1.35
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	13	1.35
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	11	1.35
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	6	1.35
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	6	1.35
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	6	1.35
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	8	1.35
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	8	1.35
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	8	1.35
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	2	1.35
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	2	1.35
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	2	1.35
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	2	1.35
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	2	1.35
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	2	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	4	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	4	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	4	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	4	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	4	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	4	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	11	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	11	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	11	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	11	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	11	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	11	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	14	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	14	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	14	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	14	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	14	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	14	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	16	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	16	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	16	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	16	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	16	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	16	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	17	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	17	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	17	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	17	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	17	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	17	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	18	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	18	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	18	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	18	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	18	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	18	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	20	1.35
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	20	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	20	1.35
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	20	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	20	1.35
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	20	1.35
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	1	1.35
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	1	1.35
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	1	1.35
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	2	1.35
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	2	1.35
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	2	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	5	1.35
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	5	1.35
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	15	1.35
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	15	1.35
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	1	1.35
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	4	1.35
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	1	1.35
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	5	1.35
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	5	1.35
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	7	1.35
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	7	1.35
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	1	1.35
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	9	1.35
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	9	1.35
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	14	1.35
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	14	1.35
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	5	1.35
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	5	1.35
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	5	1.35
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	5	1.35
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	20	1.35
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	9	1.35
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	9	1.35
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	14	1.35
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	14	1.35
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	8	1.35
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	8	1.35
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	8	1.35
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	8	1.35
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	8	1.35
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	8	1.35
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	8	1.35
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	8	1.35
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	12	1.35
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	12	1.35
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	14	1.35
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	14	1.35
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	16	1.35
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	16	1.35
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	7	1.35
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	7	1.35
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	7	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	7	1.35
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	7	1.35
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	7	1.35
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	2	1.35
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	2	1.35
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	2	1.35
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	2	1.35
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	2	1.35
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	2	1.35
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	7	1.35
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	7	1.35
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	7	1.35
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	7	1.35
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	7	1.35
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	7	1.35
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	12	1.35
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	12	1.35
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	1	1.35
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	1	1.35
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	17	1.35
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	17	1.35
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	17	1.35
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	17	1.35
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	17	1.35
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	17	1.35
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	5	1.35
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	5	1.35
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	5	1.35
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	5	1.35
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	5	1.35
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	5	1.35
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	13	1.35
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	8	1.35
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	8	1.35
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	18	1.35
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	18	1.35
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	18	1.35
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	4	1.35
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	12	1.35
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	12	1.35
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	10	1.35
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	10	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	10	1.35
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	6	1.35
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	6	1.35
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	4	1.35
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	3	1.35
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	3	1.35
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	6	1.35
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	6	1.35
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	5	1.35
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	5	1.35
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	3	1.35
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	3	1.35
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	3	1.35
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	4	1.35
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	10	1.35
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	14	1.35
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	20	1.35
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	15	1.35
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	12	1.35
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	15	1.35
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	15	1.35
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	15	1.35
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	12	1.35
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	8	1.35
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	16	1.35
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	16	1.35
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	16	1.35
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	4	1.35
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	4	1.35
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	4	1.35
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	1	1.35
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	1	1.35
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	1	1.35
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	3	1.35
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	3	1.35
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	3	1.35
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	6	1.35
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	6	1.35
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	6	1.35
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	17	1.35
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	16	1.35
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	4	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	4	1.35
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	19	1.35
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	19	1.35
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	20	1.35
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	20	1.35
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	20	1.35
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	20	1.35
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	20	1.35
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	5	1.35
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	9	1.35
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	9	1.35
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	2	1.35
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	2	1.35
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	12	1.35
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	12	1.35
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	20	1.35
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	20	1.35
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	4	1.35
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	20	1.35
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	20	1.35
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	20	1.35
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	13	1.35
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	5	1.35
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	5	1.35
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	5	1.35
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	8	1.35
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	8	1.35
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	10	1.35
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	10	1.35
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	6	1.35
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	6	1.35
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	6	1.35
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	11	1.35
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	5	1.35
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	5	1.35
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	5	1.35
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	14	1.35
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	14	1.35
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	14	1.35
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	18	1.35
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	18	1.35
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	18	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	3	1.35
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	17	1.35
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	3	1.35
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	3	1.35
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	2	1.35
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	2	1.35
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	7	1.35
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	7	1.35
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	3	1.35
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	5	1.35
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	5	1.35
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	5	1.35
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	3	1.35
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	3	1.35
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	14	1.35
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	5	1.35
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	5	1.35
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	6	1.35
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	6	1.35
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	6	1.35
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	9	1.35
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	9	1.35
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	9	1.35
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	10	1.35
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	10	1.35
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	20	1.35
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	20	1.35
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	20	1.35
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	1	1.35
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	1	1.35
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	1	1.35
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	5	1.35
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	5	1.35
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	5	1.35
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	2	1.35
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	2	1.35
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	2	1.35
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	7	1.35
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	7	1.35
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	18	1.35
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	12	1.35
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	12	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1393)	1:849:A:THR:HG22	1:852:A:LEU:H	2	1.35
(1,1393)	1:849:A:THR:HG23	1:852:A:LEU:H	2	1.35
(1,1393)	1:849:A:THR:HG21	1:852:A:LEU:H	2	1.35
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	18	1.35
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	18	1.35
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	18	1.35
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	7	1.35
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	7	1.35
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	1	1.35
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	1	1.35
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	9	1.35
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	9	1.35
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	2	1.35
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	2	1.35
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	2	1.35
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	17	1.35
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	17	1.35
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	17	1.35
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	17	1.35
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	16	1.35
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	15	1.35
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	15	1.35
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	15	1.35
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	19	1.35
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	19	1.35
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	19	1.35
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	5	1.35
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	10	1.35
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	1	1.35
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	1	1.35
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	1	1.35
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	6	1.35
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	6	1.35
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	6	1.35
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB1	11	1.35
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB2	11	1.35
(1,1157)	1:826:A:ALA:H	1:826:A:ALA:HB3	11	1.35
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	3	1.35
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	3	1.35
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	3	1.35
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	19	1.35
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	19	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	19	1.35
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	5	1.35
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	4	1.35
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	1	1.35
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	1	1.35
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	1	1.35
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	1	1.35
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	1	1.35
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	1	1.35
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	12	1.35
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	12	1.35
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	12	1.35
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	10	1.35
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	10	1.35
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	10	1.35
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	6	1.35
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	7	1.35
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	16	1.35
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	20	1.35
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	20	1.35
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	6	1.35
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	14	1.35
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	11	1.35
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	11	1.35
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	11	1.35
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	3	1.35
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	3	1.35
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	7	1.35
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	9	1.35
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	18	1.35
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	18	1.35
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	7	1.35
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	7	1.35
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	5	1.35
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	8	1.35
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	8	1.35
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	8	1.35
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	12	1.35
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	12	1.35
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	12	1.35
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	9	1.35
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	9	1.35
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	19	1.35
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	19	1.35
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	11	1.35
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	11	1.35
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	11	1.35
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	11	1.35
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	11	1.35
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	11	1.35
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	5	1.35
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	5	1.35
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	5	1.35
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	16	1.35
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	16	1.35
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	16	1.35
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	6	1.35
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	6	1.35
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	6	1.35
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	4	1.35
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	4	1.35
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	4	1.35
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	13	1.35
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	13	1.35
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	13	1.35
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	6	1.35
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	6	1.35
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	8	1.35
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	8	1.35
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	17	1.35
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	20	1.35
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	20	1.35
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	20	1.35
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	12	1.35
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	12	1.35
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	12	1.35
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	2	1.35
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	2	1.35
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	2	1.35
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	6	1.35
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	6	1.35
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	6	1.35
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	13	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	13	1.35
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	13	1.35
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	15	1.35
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	15	1.35
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	15	1.35
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	8	1.35
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	8	1.35
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	8	1.35
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	8	1.35
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	8	1.35
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	8	1.35
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	9	1.35
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	9	1.35
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	9	1.35
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	9	1.35
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	9	1.35
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	9	1.35
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	20	1.35
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	20	1.35
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	20	1.35
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	19	1.35
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	19	1.35
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	19	1.35
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	15	1.35
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	9	1.35
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	14	1.35
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	14	1.35
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	14	1.35
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	2	1.35
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	2	1.35
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	2	1.35
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD3	11	1.35
(1,412)	1:864:A:LYS:HB3	1:864:A:LYS:HD2	11	1.35
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	9	1.35
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	9	1.35
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	9	1.35
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	2	1.35
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	2	1.35
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	2	1.35
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	4	1.35
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	16	1.35
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	4	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	4	1.35
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	4	1.35
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	13	1.35
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	13	1.35
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	13	1.35
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	13	1.35
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	13	1.35
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	13	1.35
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	11	1.35
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	11	1.35
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	11	1.35
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	2	1.35
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	2	1.35
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	2	1.35
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	3	1.35
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	3	1.35
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	3	1.35
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	5	1.35
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	16	1.35
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	16	1.35
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	16	1.35
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	16	1.35
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	16	1.35
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	16	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	4	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	4	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	4	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	5	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	5	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	5	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	10	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	10	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	10	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	12	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	12	1.35
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	12	1.35
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	15	1.35
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	15	1.35
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	15	1.35
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	15	1.35
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	15	1.35
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	15	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	14	1.35
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	14	1.35
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	14	1.35
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	11	1.35
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	11	1.35
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	11	1.35
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	17	1.35
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	17	1.35
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	17	1.35
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	2	1.35
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	2	1.35
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	2	1.35
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	7	1.35
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	7	1.35
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	7	1.35
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	9	1.35
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	9	1.35
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	9	1.35
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	20	1.35
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	5	1.35
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	5	1.35
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	5	1.35
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	10	1.35
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	15	1.35
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	20	1.35
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	20	1.35
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	20	1.35
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	2	1.35
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	2	1.35
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	6	1.35
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	20	1.35
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	20	1.35
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	11	1.35
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	11	1.35
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	11	1.35
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	1	1.35
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	1	1.35
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	1	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	1	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	1	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	1	1.35
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	2	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	2	1.35
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	2	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	2	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	2	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	2	1.35
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	18	1.35
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	18	1.35
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	18	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	18	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	18	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	18	1.35
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	20	1.35
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	20	1.35
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	20	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	20	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	20	1.35
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	20	1.35
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	7	1.35
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	7	1.35
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	7	1.35
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	3	1.35
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	3	1.35
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	3	1.35
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	6	1.35
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	6	1.35
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	6	1.35
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	9	1.35
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	9	1.35
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	9	1.35
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	6	1.35
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	6	1.35
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	6	1.35
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	12	1.35
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	12	1.35
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	12	1.35
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	8	1.35
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	8	1.35
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	8	1.35
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	1	1.35
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	6	1.35
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	6	1.35
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	6	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	8	1.35
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	8	1.35
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	8	1.35
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	20	1.35
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	20	1.35
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	20	1.35
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	10	1.35
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	10	1.35
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	10	1.35
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	17	1.35
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	17	1.35
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	17	1.35
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	6	1.35
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	11	1.35
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	11	1.35
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	11	1.35
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	11	1.35
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	11	1.35
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	11	1.35
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	17	1.35
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	17	1.35
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	17	1.35
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	17	1.35
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	17	1.35
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	17	1.35
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	12	1.35
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	12	1.35
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	12	1.35
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	12	1.35
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	14	1.35
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	14	1.35
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	14	1.35
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	14	1.35
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	10	1.35
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	7	1.34
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	7	1.34
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	7	1.34
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	7	1.34
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	18	1.34
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	18	1.34
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	3	1.34
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	3	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	9	1.34
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	9	1.34
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	20	1.34
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	20	1.34
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	1	1.34
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	1	1.34
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	3	1.34
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	3	1.34
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	12	1.34
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	12	1.34
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	18	1.34
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	18	1.34
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	10	1.34
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	10	1.34
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	7	1.34
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	7	1.34
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	7	1.34
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	7	1.34
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	13	1.34
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	13	1.34
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	13	1.34
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	13	1.34
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	3	1.34
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	3	1.34
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	5	1.34
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	5	1.34
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	8	1.34
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	8	1.34
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	16	1.34
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	16	1.34
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	11	1.34
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	11	1.34
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	8	1.34
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	8	1.34
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD2	8	1.34
(1,3251)	1:865:A:ASP:HA	1:866:A:PRO:HD3	8	1.34
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	16	1.34
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	16	1.34
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	10	1.34
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	10	1.34
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	13	1.34
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	13	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	15	1.34
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	15	1.34
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	5	1.34
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	5	1.34
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	8	1.34
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	8	1.34
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	20	1.34
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	20	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	1	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	1	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	4	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	4	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	7	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	7	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	8	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	8	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	10	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	10	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	14	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	14	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	20	1.34
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	20	1.34
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	12	1.34
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	12	1.34
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	10	1.34
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	10	1.34
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	13	1.34
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	13	1.34
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	17	1.34
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	17	1.34
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	15	1.34
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	15	1.34
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	1	1.34
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	1	1.34
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	14	1.34
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	14	1.34
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	19	1.34
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	19	1.34
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	13	1.34
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	13	1.34
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	3	1.34
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	3	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	7	1.34
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	7	1.34
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	7	1.34
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	7	1.34
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	9	1.34
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	9	1.34
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	9	1.34
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	9	1.34
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	9	1.34
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	9	1.34
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	18	1.34
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	18	1.34
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	15	1.34
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	15	1.34
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	17	1.34
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	17	1.34
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	6	1.34
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	6	1.34
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	6	1.34
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	12	1.34
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	3	1.34
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	2	1.34
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	2	1.34
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	2	1.34
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	18	1.34
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	18	1.34
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	18	1.34
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	20	1.34
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	20	1.34
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	3	1.34
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	3	1.34
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	5	1.34
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	5	1.34
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	5	1.34
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	11	1.34
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	11	1.34
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	11	1.34
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	18	1.34
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	18	1.34
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	18	1.34
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	20	1.34
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	20	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	20	1.34
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	9	1.34
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	9	1.34
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	9	1.34
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	18	1.34
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	18	1.34
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	18	1.34
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	15	1.34
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	15	1.34
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	15	1.34
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD13	14	1.34
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD11	14	1.34
(1,2781)	1:828:A:LEU:HA	1:831:A:ILE:HD12	14	1.34
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	8	1.34
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	8	1.34
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	8	1.34
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	6	1.34
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	6	1.34
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	6	1.34
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	10	1.34
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	10	1.34
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	10	1.34
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	12	1.34
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	12	1.34
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	12	1.34
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	6	1.34
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	6	1.34
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	6	1.34
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	9	1.34
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	9	1.34
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	9	1.34
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	5	1.34
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	5	1.34
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	5	1.34
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	13	1.34
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	13	1.34
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	13	1.34
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	14	1.34
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	14	1.34
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	14	1.34
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	3	1.34
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	3	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	3	1.34
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	11	1.34
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	11	1.34
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	11	1.34
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	12	1.34
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	16	1.34
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	17	1.34
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	6	1.34
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	13	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	2	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	2	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	2	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	2	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	2	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	2	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	5	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	5	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	5	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	5	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	5	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	5	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	8	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	8	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	8	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	8	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	8	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	8	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	12	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	12	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	12	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	12	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	12	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	12	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD11	17	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD12	17	1.34
(1,2705)	1:870:A:TYR:HE2	1:920:A:LEU:HD13	17	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD11	17	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD12	17	1.34
(1,2705)	1:870:A:TYR:HE1	1:920:A:LEU:HD13	17	1.34
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	15	1.34
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	15	1.34
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	15	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	9	1.34
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	9	1.34
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	9	1.34
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	9	1.34
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	9	1.34
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	9	1.34
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	8	1.34
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	8	1.34
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	8	1.34
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	15	1.34
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	15	1.34
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	15	1.34
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	17	1.34
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	17	1.34
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	17	1.34
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	20	1.34
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	20	1.34
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	20	1.34
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	20	1.34
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	20	1.34
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	20	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	1	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	1	1.34
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	1	1.34
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	1	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	1	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	1	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	3	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	3	1.34
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	3	1.34
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	3	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	3	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	3	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	5	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	5	1.34
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	5	1.34
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	5	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	5	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	5	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	12	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	12	1.34
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	12	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	12	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	12	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	12	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	15	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	15	1.34
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	15	1.34
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	15	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	15	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	15	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE2	19	1.34
(1,2602)	1:876:A:LEU:HD21	1:882:A:PHE:HE1	19	1.34
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE2	19	1.34
(1,2602)	1:876:A:LEU:HD22	1:882:A:PHE:HE1	19	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE2	19	1.34
(1,2602)	1:876:A:LEU:HD23	1:882:A:PHE:HE1	19	1.34
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	13	1.34
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	13	1.34
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	13	1.34
(1,2581)	1:826:A:ALA:HB1	1:860:A:ASN:HD21	16	1.34
(1,2581)	1:826:A:ALA:HB2	1:860:A:ASN:HD21	16	1.34
(1,2581)	1:826:A:ALA:HB3	1:860:A:ASN:HD21	16	1.34
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	16	1.34
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	16	1.34
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	17	1.34
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	19	1.34
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	19	1.34
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	20	1.34
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	20	1.34
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	2	1.34
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	2	1.34
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	13	1.34
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	19	1.34
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	19	1.34
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	15	1.34
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	15	1.34
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	12	1.34
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	12	1.34
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	19	1.34
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	8	1.34
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	8	1.34
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	18	1.34
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	18	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	8	1.34
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	8	1.34
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	4	1.34
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	4	1.34
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	4	1.34
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	4	1.34
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	4	1.34
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	6	1.34
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	6	1.34
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	4	1.34
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	4	1.34
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	4	1.34
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	4	1.34
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	19	1.34
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	19	1.34
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	2	1.34
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	2	1.34
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	5	1.34
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	5	1.34
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	6	1.34
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	6	1.34
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	6	1.34
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	6	1.34
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	6	1.34
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	6	1.34
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	14	1.34
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	14	1.34
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	14	1.34
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	14	1.34
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	14	1.34
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	14	1.34
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	16	1.34
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	16	1.34
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	3	1.34
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	3	1.34
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	4	1.34
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	4	1.34
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	8	1.34
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	8	1.34
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	11	1.34
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	12	1.34
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	12	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	12	1.34
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	4	1.34
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	4	1.34
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	4	1.34
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	7	1.34
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	7	1.34
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	7	1.34
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	12	1.34
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	12	1.34
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	12	1.34
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	12	1.34
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	12	1.34
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	14	1.34
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	14	1.34
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	17	1.34
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	17	1.34
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	14	1.34
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	14	1.34
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	7	1.34
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	7	1.34
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	8	1.34
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	8	1.34
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	8	1.34
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	20	1.34
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	20	1.34
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	20	1.34
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	8	1.34
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	18	1.34
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	7	1.34
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	7	1.34
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	7	1.34
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	5	1.34
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	5	1.34
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	5	1.34
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	18	1.34
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	13	1.34
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	13	1.34
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	11	1.34
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	11	1.34
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	15	1.34
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	14	1.34
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	14	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	16	1.34
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	16	1.34
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	16	1.34
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	16	1.34
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	16	1.34
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	14	1.34
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	14	1.34
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	14	1.34
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	2	1.34
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	2	1.34
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	2	1.34
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	11	1.34
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	11	1.34
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	11	1.34
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	15	1.34
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	15	1.34
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	15	1.34
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	13	1.34
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	13	1.34
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	13	1.34
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	1	1.34
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	5	1.34
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	7	1.34
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	8	1.34
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	8	1.34
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	8	1.34
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	1	1.34
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	1	1.34
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	2	1.34
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	2	1.34
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	11	1.34
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	14	1.34
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	14	1.34
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	14	1.34
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	19	1.34
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	19	1.34
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	19	1.34
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	17	1.34
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	17	1.34
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	17	1.34
(1,1672)	1:874:A:LEU:HD21	1:876:A:LEU:H	8	1.34
(1,1672)	1:874:A:LEU:HD22	1:876:A:LEU:H	8	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1672)	1:874:A:LEU:HD23	1:876:A:LEU:H	8	1.34
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	12	1.34
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	12	1.34
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	12	1.34
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	18	1.34
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	18	1.34
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	18	1.34
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	6	1.34
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	6	1.34
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	16	1.34
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	16	1.34
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	18	1.34
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	18	1.34
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	8	1.34
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	17	1.34
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	8	1.34
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	8	1.34
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	8	1.34
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	12	1.34
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	12	1.34
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	12	1.34
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	19	1.34
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	19	1.34
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	19	1.34
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	4	1.34
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	4	1.34
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	4	1.34
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	15	1.34
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	15	1.34
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	15	1.34
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	10	1.34
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	10	1.34
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	10	1.34
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	6	1.34
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	3	1.34
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	3	1.34
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	12	1.34
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	12	1.34
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	17	1.34
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	17	1.34
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	20	1.34
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	20	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	13	1.34
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	13	1.34
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	13	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	6	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	6	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	6	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	11	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	11	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	11	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	13	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	13	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	13	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	19	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	19	1.34
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	19	1.34
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	6	1.34
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	15	1.34
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	15	1.34
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	15	1.34
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	2	1.34
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	9	1.34
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	9	1.34
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	9	1.34
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	10	1.34
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	10	1.34
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	10	1.34
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	11	1.34
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	11	1.34
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	11	1.34
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	19	1.34
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	19	1.34
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	19	1.34
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	20	1.34
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	20	1.34
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	20	1.34
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	9	1.34
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	9	1.34
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	14	1.34
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	14	1.34
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	4	1.34
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	4	1.34
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	4	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	15	1.34
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	15	1.34
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	15	1.34
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	8	1.34
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	8	1.34
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	8	1.34
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	10	1.34
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	10	1.34
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	8	1.34
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	8	1.34
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	9	1.34
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	9	1.34
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	3	1.34
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	3	1.34
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	8	1.34
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	8	1.34
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	10	1.34
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	10	1.34
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	19	1.34
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	19	1.34
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	19	1.34
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	8	1.34
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	12	1.34
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	12	1.34
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	5	1.34
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	5	1.34
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	13	1.34
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	13	1.34
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	18	1.34
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	18	1.34
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	18	1.34
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	5	1.34
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	11	1.34
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	8	1.34
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	8	1.34
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	8	1.34
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	20	1.34
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	20	1.34
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	20	1.34
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	5	1.34
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	5	1.34
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	5	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	7	1.34
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	7	1.34
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	7	1.34
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	20	1.34
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	20	1.34
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	20	1.34
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	10	1.34
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	10	1.34
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	10	1.34
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	6	1.34
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	6	1.34
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	1	1.34
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	1	1.34
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	9	1.34
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	9	1.34
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	9	1.34
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	3	1.34
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	3	1.34
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	3	1.34
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	19	1.34
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	19	1.34
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	19	1.34
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	10	1.34
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	10	1.34
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	3	1.34
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	3	1.34
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	3	1.34
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	8	1.34
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	8	1.34
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	8	1.34
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	15	1.34
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	15	1.34
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	15	1.34
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	12	1.34
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	17	1.34
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	19	1.34
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	19	1.34
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	6	1.34
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	6	1.34
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	14	1.34
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	14	1.34
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	9	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	8	1.34
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	8	1.34
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	8	1.34
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	19	1.34
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	19	1.34
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	6	1.34
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	6	1.34
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	6	1.34
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	1	1.34
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	1	1.34
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	1	1.34
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	4	1.34
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	4	1.34
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	4	1.34
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	4	1.34
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	4	1.34
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	4	1.34
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	1	1.34
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	1	1.34
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	1	1.34
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	13	1.34
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	13	1.34
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	13	1.34
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	13	1.34
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	13	1.34
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	13	1.34
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	6	1.34
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	6	1.34
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	6	1.34
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	6	1.34
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	6	1.34
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	6	1.34
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	2	1.34
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	2	1.34
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	2	1.34
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	15	1.34
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	15	1.34
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	15	1.34
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	20	1.34
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	20	1.34
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	20	1.34
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	7	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	7	1.34
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	9	1.34
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	9	1.34
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	14	1.34
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	14	1.34
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	14	1.34
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	4	1.34
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	4	1.34
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	4	1.34
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	16	1.34
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	16	1.34
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD3	17	1.34
(1,715)	1:907:A:THR:HA	1:908:A:PRO:HD2	17	1.34
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	15	1.34
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	15	1.34
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	15	1.34
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	2	1.34
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	2	1.34
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	2	1.34
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	20	1.34
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	20	1.34
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	20	1.34
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	15	1.34
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	15	1.34
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	15	1.34
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	2	1.34
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	2	1.34
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	2	1.34
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	20	1.34
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	20	1.34
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	20	1.34
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	18	1.34
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	18	1.34
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	18	1.34
(1,508)	1:874:A:LEU:HD21	1:878:A:LYS:HE2	2	1.34
(1,508)	1:874:A:LEU:HD22	1:878:A:LYS:HE2	2	1.34
(1,508)	1:874:A:LEU:HD23	1:878:A:LYS:HE2	2	1.34
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	15	1.34
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	15	1.34
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	6	1.34
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	3	1.34
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	3	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	3	1.34
(1,474)	1:873:A:LEU:HD22	1:924:A:TYR:HH	4	1.34
(1,474)	1:873:A:LEU:HD23	1:924:A:TYR:HH	4	1.34
(1,474)	1:873:A:LEU:HD21	1:924:A:TYR:HH	4	1.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	5	1.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	5	1.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	5	1.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	5	1.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	5	1.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	5	1.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	5	1.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	5	1.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	5	1.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	8	1.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	8	1.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	8	1.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	8	1.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	8	1.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	8	1.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	8	1.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	8	1.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	8	1.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	18	1.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	18	1.34
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	18	1.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	18	1.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	18	1.34
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	18	1.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	18	1.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	18	1.34
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	18	1.34
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	6	1.34
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	13	1.34
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	10	1.34
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	10	1.34
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	10	1.34
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	14	1.34
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	14	1.34
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	14	1.34
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	5	1.34
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	5	1.34
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	5	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	14	1.34
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	14	1.34
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	14	1.34
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	11	1.34
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	11	1.34
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	11	1.34
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	14	1.34
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	14	1.34
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	14	1.34
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	20	1.34
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	20	1.34
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	20	1.34
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	14	1.34
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	14	1.34
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	14	1.34
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	12	1.34
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	12	1.34
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	7	1.34
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	7	1.34
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	7	1.34
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	10	1.34
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	10	1.34
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	10	1.34
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	19	1.34
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG21	7	1.34
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG22	7	1.34
(1,224)	1:832:A:THR:HA	1:832:A:THR:HG23	7	1.34
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	20	1.34
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	20	1.34
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	20	1.34
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	2	1.34
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	2	1.34
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	2	1.34
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	20	1.34
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	20	1.34
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	20	1.34
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	3	1.34
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	3	1.34
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	3	1.34
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	15	1.34
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	15	1.34
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	15	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	16	1.34
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	16	1.34
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	16	1.34
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	20	1.34
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	20	1.34
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	20	1.34
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	17	1.34
(1,183)	1:828:A:LEU:HA	1:832:A:THR:HG1	18	1.34
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	11	1.34
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	11	1.34
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	11	1.34
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	19	1.34
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	19	1.34
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	19	1.34
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	10	1.34
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	7	1.34
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	13	1.34
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	5	1.34
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	5	1.34
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	5	1.34
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	5	1.34
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	5	1.34
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	5	1.34
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	5	1.34
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	5	1.34
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	5	1.34
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	7	1.34
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	7	1.34
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	7	1.34
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	15	1.34
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	15	1.34
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	15	1.34
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	10	1.34
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	12	1.34
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	12	1.34
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	12	1.34
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	12	1.34
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	12	1.34
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	12	1.34
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	14	1.34
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	14	1.34
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	14	1.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	3	1.34
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	15	1.34
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	13	1.34
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	13	1.34
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	13	1.34
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	2	1.34
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	2	1.34
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	2	1.34
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	2	1.34
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	2	1.34
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	2	1.34
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	6	1.34
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	6	1.34
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	6	1.34
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	6	1.34
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	6	1.34
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	6	1.34
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	12	1.34
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	12	1.34
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	12	1.34
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	12	1.34
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	12	1.34
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	12	1.34
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	11	1.34
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	11	1.34
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	11	1.34
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	12	1.33
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	12	1.33
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	14	1.33
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	14	1.33
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	15	1.33
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	15	1.33
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	17	1.33
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	17	1.33
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	14	1.33
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	14	1.33
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB2	16	1.33
(1,3362)	1:910:A:ASN:H	1:910:A:ASN:HB3	16	1.33
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	5	1.33
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	5	1.33
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	3	1.33
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	3	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	5	1.33
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	5	1.33
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	7	1.33
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	7	1.33
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	14	1.33
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	14	1.33
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	10	1.33
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	10	1.33
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	19	1.33
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	19	1.33
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	20	1.33
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	20	1.33
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	2	1.33
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	2	1.33
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	17	1.33
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	17	1.33
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	11	1.33
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	11	1.33
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	13	1.33
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	13	1.33
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	17	1.33
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	17	1.33
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	19	1.33
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	19	1.33
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	19	1.33
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	19	1.33
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	3	1.33
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	3	1.33
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	1	1.33
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	1	1.33
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	7	1.33
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	7	1.33
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	12	1.33
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	12	1.33
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	12	1.33
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	12	1.33
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	17	1.33
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	17	1.33
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	17	1.33
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	17	1.33
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	13	1.33
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	13	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	9	1.33
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	9	1.33
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	9	1.33
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	9	1.33
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	9	1.33
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	9	1.33
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	17	1.33
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	17	1.33
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	17	1.33
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	17	1.33
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	17	1.33
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	17	1.33
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	10	1.33
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	10	1.33
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	11	1.33
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	11	1.33
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	1	1.33
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	1	1.33
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	1	1.33
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	1	1.33
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	1	1.33
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	1	1.33
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	8	1.33
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	8	1.33
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	4	1.33
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	4	1.33
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	7	1.33
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	7	1.33
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	10	1.33
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	10	1.33
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	10	1.33
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	10	1.33
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	3	1.33
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	3	1.33
(1,2912)	1:886:A:LEU:HD21	1:926:A:LEU:HA	7	1.33
(1,2912)	1:886:A:LEU:HD22	1:926:A:LEU:HA	7	1.33
(1,2912)	1:886:A:LEU:HD23	1:926:A:LEU:HA	7	1.33
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	2	1.33
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	2	1.33
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	2	1.33
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	3	1.33
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	3	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	3	1.33
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	17	1.33
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	17	1.33
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	17	1.33
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	7	1.33
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	7	1.33
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	7	1.33
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	16	1.33
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	16	1.33
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	16	1.33
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	14	1.33
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	14	1.33
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	14	1.33
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	8	1.33
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	8	1.33
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	8	1.33
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	9	1.33
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	9	1.33
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	9	1.33
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	17	1.33
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	17	1.33
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	17	1.33
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	5	1.33
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	5	1.33
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	5	1.33
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	13	1.33
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	13	1.33
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	13	1.33
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	9	1.33
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	9	1.33
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	9	1.33
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	14	1.33
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	14	1.33
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	14	1.33
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	18	1.33
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	18	1.33
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	18	1.33
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	16	1.33
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	16	1.33
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	16	1.33
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	10	1.33
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	10	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	10	1.33
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	17	1.33
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	17	1.33
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	17	1.33
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	2	1.33
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	2	1.33
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	2	1.33
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	3	1.33
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	3	1.33
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	3	1.33
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	1	1.33
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	4	1.33
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	6	1.33
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	19	1.33
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	19	1.33
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	19	1.33
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	11	1.33
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	15	1.33
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	6	1.33
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	13	1.33
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	8	1.33
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	12	1.33
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	11	1.33
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	11	1.33
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	11	1.33
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	8	1.33
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	6	1.33
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	6	1.33
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	6	1.33
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	13	1.33
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	13	1.33
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	1	1.33
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	1	1.33
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	3	1.33
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	3	1.33
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	9	1.33
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	9	1.33
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	15	1.33
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	15	1.33
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	6	1.33
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	6	1.33
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	6	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	6	1.33
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	6	1.33
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	6	1.33
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	5	1.33
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	5	1.33
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	5	1.33
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	4	1.33
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	4	1.33
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	4	1.33
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	1	1.33
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	1	1.33
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	1	1.33
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	13	1.33
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	13	1.33
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	13	1.33
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	17	1.33
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	17	1.33
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	17	1.33
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	2	1.33
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	2	1.33
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	2	1.33
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	18	1.33
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	18	1.33
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	16	1.33
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	16	1.33
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	19	1.33
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	19	1.33
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	10	1.33
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	12	1.33
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	12	1.33
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	5	1.33
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	5	1.33
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	3	1.33
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	3	1.33
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	7	1.33
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	7	1.33
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	17	1.33
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	17	1.33
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	13	1.33
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	16	1.33
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	5	1.33
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	5	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	1	1.33
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	1	1.33
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	18	1.33
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	18	1.33
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	14	1.33
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	14	1.33
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	3	1.33
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	7	1.33
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	5	1.33
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	5	1.33
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	3	1.33
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	3	1.33
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	1	1.33
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	1	1.33
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	1	1.33
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	1	1.33
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	1	1.33
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	1	1.33
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	11	1.33
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	11	1.33
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	11	1.33
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	11	1.33
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	11	1.33
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	11	1.33
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	7	1.33
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	7	1.33
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	12	1.33
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	12	1.33
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	11	1.33
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	11	1.33
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	9	1.33
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	9	1.33
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	10	1.33
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	10	1.33
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	11	1.33
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	11	1.33
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	15	1.33
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	15	1.33
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	18	1.33
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	18	1.33
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	20	1.33
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	20	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	11	1.33
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	11	1.33
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	11	1.33
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	11	1.33
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	11	1.33
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	11	1.33
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	6	1.33
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	6	1.33
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	5	1.33
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	5	1.33
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	6	1.33
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	6	1.33
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	12	1.33
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	12	1.33
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	5	1.33
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	5	1.33
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	1	1.33
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	1	1.33
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	1	1.33
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	1	1.33
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	1	1.33
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	1	1.33
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	7	1.33
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	7	1.33
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	9	1.33
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	9	1.33
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	16	1.33
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	16	1.33
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	16	1.33
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	9	1.33
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	6	1.33
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	6	1.33
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	16	1.33
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	16	1.33
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	16	1.33
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	16	1.33
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	16	1.33
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	19	1.33
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	19	1.33
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	20	1.33
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	20	1.33
(1,2122)	1:917:A:ILE:HG21	1:919:A:ALA:H	9	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2122)	1:917:A:ILE:HG22	1:919:A:ALA:H	9	1.33
(1,2122)	1:917:A:ILE:HG23	1:919:A:ALA:H	9	1.33
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	9	1.33
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	12	1.33
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	3	1.33
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	6	1.33
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	19	1.33
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	14	1.33
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	14	1.33
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	3	1.33
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	6	1.33
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	18	1.33
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	18	1.33
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	7	1.33
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	7	1.33
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD1	16	1.33
(1,2029)	1:911:A:HIS:H	1:912:A:PHE:HD2	16	1.33
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	7	1.33
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	7	1.33
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	7	1.33
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	20	1.33
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	20	1.33
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	20	1.33
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	11	1.33
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	16	1.33
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	13	1.33
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	13	1.33
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	5	1.33
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	11	1.33
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	6	1.33
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	6	1.33
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	6	1.33
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	7	1.33
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	17	1.33
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	17	1.33
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	18	1.33
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	6	1.33
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	6	1.33
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	6	1.33
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	17	1.33
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	17	1.33
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	17	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	11	1.33
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	11	1.33
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	11	1.33
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	11	1.33
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	16	1.33
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	16	1.33
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	16	1.33
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	16	1.33
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	16	1.33
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	16	1.33
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	9	1.33
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	9	1.33
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	9	1.33
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	13	1.33
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	18	1.33
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	18	1.33
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	18	1.33
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	3	1.33
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	3	1.33
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	5	1.33
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	5	1.33
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	5	1.33
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	5	1.33
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	5	1.33
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	14	1.33
(1,1557)	1:866:A:PRO:HD2	1:867:A:SER:H	3	1.33
(1,1557)	1:866:A:PRO:HD3	1:867:A:SER:H	3	1.33
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	8	1.33
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	15	1.33
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	15	1.33
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	12	1.33
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	12	1.33
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	12	1.33
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	18	1.33
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	18	1.33
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	18	1.33
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	3	1.33
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	9	1.33
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	18	1.33
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	6	1.33
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	6	1.33
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	6	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	7	1.33
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	7	1.33
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	7	1.33
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	17	1.33
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	17	1.33
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	17	1.33
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	17	1.33
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	17	1.33
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	17	1.33
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	18	1.33
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	18	1.33
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	1	1.33
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	1	1.33
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	1	1.33
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	2	1.33
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	2	1.33
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	2	1.33
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	19	1.33
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	19	1.33
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	19	1.33
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	8	1.33
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	8	1.33
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	13	1.33
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	13	1.33
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	3	1.33
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	3	1.33
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	3	1.33
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	9	1.33
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	2	1.33
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	2	1.33
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	9	1.33
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	9	1.33
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	9	1.33
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	12	1.33
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	17	1.33
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	17	1.33
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	17	1.33
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	4	1.33
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	4	1.33
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	4	1.33
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	19	1.33
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	19	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	19	1.33
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	3	1.33
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	3	1.33
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	3	1.33
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	13	1.33
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	13	1.33
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	13	1.33
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	10	1.33
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	10	1.33
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	10	1.33
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	14	1.33
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	1	1.33
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	1	1.33
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	1	1.33
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	9	1.33
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	9	1.33
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	9	1.33
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	13	1.33
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	13	1.33
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	13	1.33
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	7	1.33
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	7	1.33
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	7	1.33
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	8	1.33
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	8	1.33
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	8	1.33
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	2	1.33
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	2	1.33
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	2	1.33
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	5	1.33
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	5	1.33
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	7	1.33
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	7	1.33
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	16	1.33
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	6	1.33
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	18	1.33
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	18	1.33
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	14	1.33
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	14	1.33
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	14	1.33
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	11	1.33
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	11	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	11	1.33
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	20	1.33
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	20	1.33
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	20	1.33
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	2	1.33
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	14	1.33
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	2	1.33
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	2	1.33
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	1	1.33
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	19	1.33
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	19	1.33
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	19	1.33
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	3	1.33
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	12	1.33
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	12	1.33
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	8	1.33
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	8	1.33
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	8	1.33
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	16	1.33
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	16	1.33
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	16	1.33
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	20	1.33
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	20	1.33
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	14	1.33
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	16	1.33
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	14	1.33
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	14	1.33
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	14	1.33
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	3	1.33
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	3	1.33
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	3	1.33
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	3	1.33
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	3	1.33
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	3	1.33
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	12	1.33
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	12	1.33
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	12	1.33
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	15	1.33
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	15	1.33
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	15	1.33
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	15	1.33
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	15	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	8	1.33
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	8	1.33
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	8	1.33
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	19	1.33
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	19	1.33
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	19	1.33
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	11	1.33
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	11	1.33
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	11	1.33
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	10	1.33
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	10	1.33
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	10	1.33
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	11	1.33
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	11	1.33
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	11	1.33
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	19	1.33
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	19	1.33
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	19	1.33
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	2	1.33
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	2	1.33
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	2	1.33
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	17	1.33
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	17	1.33
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	17	1.33
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG21	20	1.33
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG22	20	1.33
(1,721)	1:866:A:PRO:HB3	1:907:A:THR:HG23	20	1.33
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	5	1.33
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	5	1.33
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	5	1.33
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	10	1.33
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	10	1.33
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	10	1.33
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	14	1.33
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	14	1.33
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	4	1.33
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	1	1.33
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	1	1.33
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	1	1.33
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	20	1.33
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	20	1.33
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	20	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	20	1.33
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	20	1.33
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	20	1.33
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	1	1.33
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	1	1.33
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	18	1.33
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	18	1.33
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	7	1.33
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	7	1.33
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	7	1.33
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	6	1.33
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	6	1.33
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	13	1.33
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	13	1.33
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	13	1.33
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	14	1.33
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	14	1.33
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	14	1.33
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	10	1.33
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	10	1.33
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	10	1.33
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	10	1.33
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	10	1.33
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	10	1.33
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	16	1.33
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	16	1.33
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	20	1.33
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	20	1.33
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	18	1.33
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	18	1.33
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	8	1.33
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	8	1.33
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	8	1.33
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	10	1.33
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	10	1.33
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	10	1.33
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG11	11	1.33
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG12	11	1.33
(1,437)	1:857:A:LEU:HD11	1:869:A:VAL:HG13	11	1.33
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG11	11	1.33
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG12	11	1.33
(1,437)	1:857:A:LEU:HD12	1:869:A:VAL:HG13	11	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG11	11	1.33
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG12	11	1.33
(1,437)	1:857:A:LEU:HD13	1:869:A:VAL:HG13	11	1.33
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	17	1.33
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	17	1.33
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	17	1.33
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	9	1.33
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	9	1.33
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	9	1.33
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	16	1.33
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	16	1.33
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	16	1.33
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	12	1.33
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	12	1.33
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	12	1.33
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	18	1.33
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	14	1.33
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	14	1.33
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	14	1.33
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	6	1.33
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	6	1.33
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	6	1.33
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	9	1.33
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG22	11	1.33
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG23	11	1.33
(1,285)	1:849:A:THR:HA	1:849:A:THR:HG21	11	1.33
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	7	1.33
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	7	1.33
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	14	1.33
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	14	1.33
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	6	1.33
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	18	1.33
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	18	1.33
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	18	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	2	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	2	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	2	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	5	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	5	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	5	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	6	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	6	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	6	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	7	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	7	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	7	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	8	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	8	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	8	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	9	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	9	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	9	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	10	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	10	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	10	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	12	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	12	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	12	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	13	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	13	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	13	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	14	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	14	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	14	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	18	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	18	1.33
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	18	1.33
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	7	1.33
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	7	1.33
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	7	1.33
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	3	1.33
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	3	1.33
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	3	1.33
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	13	1.33
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	13	1.33
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	13	1.33
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	16	1.33
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	16	1.33
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	16	1.33
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	5	1.33
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	14	1.33
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	17	1.33
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	3	1.33
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	3	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	3	1.33
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	11	1.33
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	11	1.33
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	11	1.33
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	9	1.33
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	14	1.33
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	14	1.33
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	14	1.33
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	15	1.33
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	15	1.33
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	15	1.33
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	17	1.33
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	13	1.33
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	13	1.33
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	13	1.33
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	17	1.33
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	17	1.33
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	17	1.33
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	1	1.33
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	4	1.33
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	4	1.33
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB1	18	1.33
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB2	18	1.33
(1,118)	1:816:A:LEU:HD12	1:824:A:ALA:HB3	18	1.33
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB1	18	1.33
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB2	18	1.33
(1,118)	1:816:A:LEU:HD13	1:824:A:ALA:HB3	18	1.33
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB1	18	1.33
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB2	18	1.33
(1,118)	1:816:A:LEU:HD11	1:824:A:ALA:HB3	18	1.33
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	8	1.33
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	8	1.33
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	8	1.33
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	8	1.33
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	8	1.33
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	8	1.33
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	2	1.33
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	2	1.33
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	2	1.33
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	19	1.33
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	19	1.33
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	19	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	9	1.33
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	9	1.33
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	9	1.33
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG23	7	1.33
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG21	7	1.33
(1,68)	1:812:A:ILE:HA	1:812:A:ILE:HG22	7	1.33
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	19	1.33
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	5	1.33
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	5	1.33
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	5	1.33
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	7	1.33
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	7	1.33
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	7	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	1	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	1	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	1	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	1	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	1	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	1	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	4	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	4	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	4	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	4	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	4	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	4	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	7	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	7	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	7	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	7	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	7	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	7	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	9	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	9	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	9	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	9	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	9	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	9	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	10	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	10	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	10	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	10	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	10	1.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	10	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	14	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	14	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	14	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	14	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	14	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	14	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB1	18	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB2	18	1.33
(1,46)	1:805:A:ASN:HB2	1:806:A:ALA:HB3	18	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB1	18	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB2	18	1.33
(1,46)	1:805:A:ASN:HB3	1:806:A:ALA:HB3	18	1.33
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	17	1.33
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	17	1.33
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	17	1.33
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	7	1.33
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	7	1.33
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	8	1.33
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	9	1.33
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	9	1.33
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	9	1.33
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	12	1.33
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	12	1.33
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	12	1.33
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	1	1.33
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	1	1.33
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	1	1.33
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	1	1.33
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	9	1.32
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	9	1.32
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	9	1.32
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	9	1.32
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	12	1.32
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	12	1.32
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	12	1.32
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	12	1.32
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	13	1.32
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	13	1.32
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	11	1.32
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	11	1.32
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	5	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	5	1.32
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	12	1.32
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	12	1.32
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	10	1.32
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	10	1.32
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	14	1.32
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	14	1.32
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	19	1.32
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	19	1.32
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	8	1.32
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	8	1.32
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	8	1.32
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	8	1.32
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	4	1.32
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	4	1.32
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	10	1.32
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	10	1.32
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	10	1.32
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	10	1.32
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB3	4	1.32
(1,3282)	1:877:A:SER:H	1:878:A:LYS:HB2	4	1.32
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	7	1.32
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	7	1.32
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB3	6	1.32
(1,3214)	1:857:A:LEU:H	1:857:A:LEU:HB2	6	1.32
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	7	1.32
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	7	1.32
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	12	1.32
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	12	1.32
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	12	1.32
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	12	1.32
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	2	1.32
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	2	1.32
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	5	1.32
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	5	1.32
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	5	1.32
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	5	1.32
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	17	1.32
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	17	1.32
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	1	1.32
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	1	1.32
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	15	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	15	1.32
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	4	1.32
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	4	1.32
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	1	1.32
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	1	1.32
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	5	1.32
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	5	1.32
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	4	1.32
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	4	1.32
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	6	1.32
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	6	1.32
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	9	1.32
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	9	1.32
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	7	1.32
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	7	1.32
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	7	1.32
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	9	1.32
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	9	1.32
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	9	1.32
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	15	1.32
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	15	1.32
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	15	1.32
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	15	1.32
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	15	1.32
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	15	1.32
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	13	1.32
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	13	1.32
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	20	1.32
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	20	1.32
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	20	1.32
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	20	1.32
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	20	1.32
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	20	1.32
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	3	1.32
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	3	1.32
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	7	1.32
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	7	1.32
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	8	1.32
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	8	1.32
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	13	1.32
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	13	1.32
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	8	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	8	1.32
(1,3015)	1:870:A:TYR:HD1	1:871:A:GLN:H	5	1.32
(1,3015)	1:870:A:TYR:HD2	1:871:A:GLN:H	5	1.32
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	18	1.32
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	18	1.32
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	13	1.32
(1,2916)	1:822:A:LYS:HA	1:825:A:CYS:HB3	3	1.32
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	4	1.32
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	4	1.32
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	4	1.32
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	11	1.32
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	11	1.32
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	11	1.32
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	2	1.32
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	2	1.32
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	8	1.32
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	8	1.32
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	10	1.32
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	10	1.32
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	10	1.32
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	5	1.32
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	5	1.32
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	5	1.32
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	17	1.32
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	17	1.32
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	17	1.32
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	20	1.32
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	20	1.32
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	20	1.32
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	9	1.32
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	9	1.32
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	9	1.32
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	15	1.32
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	15	1.32
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	15	1.32
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	20	1.32
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	20	1.32
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	20	1.32
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	20	1.32
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	11	1.32
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	11	1.32
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	11	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	13	1.32
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	13	1.32
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	13	1.32
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	12	1.32
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	12	1.32
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	12	1.32
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	12	1.32
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	12	1.32
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	12	1.32
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	14	1.32
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	14	1.32
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	14	1.32
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	19	1.32
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	19	1.32
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	19	1.32
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	2	1.32
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	2	1.32
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	2	1.32
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	19	1.32
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	1	1.32
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	2	1.32
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	9	1.32
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	15	1.32
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	8	1.32
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	8	1.32
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	8	1.32
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	3	1.32
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	3	1.32
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	3	1.32
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	12	1.32
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	12	1.32
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	12	1.32
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	10	1.32
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	10	1.32
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	10	1.32
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	15	1.32
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	15	1.32
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	6	1.32
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	6	1.32
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	12	1.32
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	12	1.32
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	12	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	4	1.32
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	4	1.32
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	4	1.32
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	3	1.32
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	3	1.32
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	3	1.32
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	12	1.32
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	12	1.32
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	12	1.32
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	14	1.32
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	14	1.32
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	14	1.32
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	7	1.32
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	7	1.32
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	7	1.32
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	7	1.32
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	7	1.32
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	7	1.32
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	7	1.32
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	7	1.32
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	6	1.32
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	6	1.32
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	3	1.32
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	3	1.32
(1,2526)	1:876:A:LEU:HG	1:924:A:TYR:HH	9	1.32
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	14	1.32
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	9	1.32
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	9	1.32
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	4	1.32
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	2	1.32
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	2	1.32
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	13	1.32
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	13	1.32
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	9	1.32
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	9	1.32
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	9	1.32
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	9	1.32
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	4	1.32
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	6	1.32
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	6	1.32
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	13	1.32
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	4	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	5	1.32
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	5	1.32
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	11	1.32
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	11	1.32
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	19	1.32
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	16	1.32
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	16	1.32
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	6	1.32
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	6	1.32
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	6	1.32
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	6	1.32
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	6	1.32
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	6	1.32
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE1	13	1.32
(1,2350)	1:904:A:LEU:HD21	1:912:A:PHE:HE2	13	1.32
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE1	13	1.32
(1,2350)	1:904:A:LEU:HD22	1:912:A:PHE:HE2	13	1.32
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE1	13	1.32
(1,2350)	1:904:A:LEU:HD23	1:912:A:PHE:HE2	13	1.32
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	7	1.32
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	7	1.32
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	11	1.32
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	11	1.32
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	8	1.32
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	8	1.32
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	19	1.32
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	19	1.32
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	19	1.32
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	19	1.32
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	19	1.32
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	19	1.32
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	19	1.32
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	19	1.32
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	2	1.32
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	2	1.32
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD1	6	1.32
(1,2306)	1:850:A:PHE:HE1	1:882:A:PHE:HD2	6	1.32
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD1	6	1.32
(1,2306)	1:850:A:PHE:HE2	1:882:A:PHE:HD2	6	1.32
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	1	1.32
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	1	1.32
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	2	1.32
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	2	1.32
(1,2239)	1:873:A:LEU:HA	1:924:A:TYR:HH	6	1.32
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	9	1.32
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	9	1.32
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	9	1.32
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	7	1.32
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	7	1.32
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	11	1.32
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	5	1.32
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	5	1.32
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	5	1.32
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	20	1.32
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	20	1.32
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	1	1.32
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	1	1.32
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	15	1.32
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	15	1.32
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	8	1.32
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	8	1.32
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	4	1.32
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	4	1.32
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	4	1.32
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	6	1.32
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	6	1.32
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	6	1.32
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	2	1.32
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	2	1.32
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	2	1.32
(1,2151)	1:920:A:LEU:HD11	1:921:A:LYS:H	2	1.32
(1,2151)	1:920:A:LEU:HD12	1:921:A:LYS:H	2	1.32
(1,2151)	1:920:A:LEU:HD13	1:921:A:LYS:H	2	1.32
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	9	1.32
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	13	1.32
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	17	1.32
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	6	1.32
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	6	1.32
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	17	1.32
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	17	1.32
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	2	1.32
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	14	1.32
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	14	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	14	1.32
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	15	1.32
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	15	1.32
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	15	1.32
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	1	1.32
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	4	1.32
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	16	1.32
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	3	1.32
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	3	1.32
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	3	1.32
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	11	1.32
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	11	1.32
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	11	1.32
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	6	1.32
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	6	1.32
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	6	1.32
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	16	1.32
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	16	1.32
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	16	1.32
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	18	1.32
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	8	1.32
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	9	1.32
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	7	1.32
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	7	1.32
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	7	1.32
(1,1898)	1:854:A:ILE:HG21	1:896:A:LEU:H	6	1.32
(1,1898)	1:854:A:ILE:HG22	1:896:A:LEU:H	6	1.32
(1,1898)	1:854:A:ILE:HG23	1:896:A:LEU:H	6	1.32
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	2	1.32
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	15	1.32
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG22	13	1.32
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG23	13	1.32
(1,1803)	1:887:A:THR:H	1:887:A:THR:HG21	13	1.32
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	14	1.32
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	14	1.32
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	14	1.32
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	3	1.32
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	3	1.32
(1,1763)	1:882:A:PHE:HB3	1:883:A:LYS:H	10	1.32
(1,1763)	1:882:A:PHE:HB2	1:883:A:LYS:H	10	1.32
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	14	1.32
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	14	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	11	1.32
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	11	1.32
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	11	1.32
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	2	1.32
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	4	1.32
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	4	1.32
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	4	1.32
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	13	1.32
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	13	1.32
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	13	1.32
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	15	1.32
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	15	1.32
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	15	1.32
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	19	1.32
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	19	1.32
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	19	1.32
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	15	1.32
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	15	1.32
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	15	1.32
(1,1675)	1:876:A:LEU:HD21	1:877:A:SER:H	16	1.32
(1,1675)	1:876:A:LEU:HD22	1:877:A:SER:H	16	1.32
(1,1675)	1:876:A:LEU:HD23	1:877:A:SER:H	16	1.32
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	8	1.32
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	17	1.32
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	18	1.32
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	2	1.32
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	2	1.32
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	2	1.32
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	15	1.32
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	18	1.32
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	18	1.32
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	18	1.32
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	18	1.32
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	17	1.32
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	17	1.32
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	17	1.32
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	15	1.32
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	15	1.32
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	5	1.32
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	5	1.32
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	18	1.32
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	18	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	17	1.32
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	17	1.32
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	20	1.32
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	20	1.32
(1,1507)	1:860:A:ASN:HB2	1:861:A:LEU:H	7	1.32
(1,1507)	1:860:A:ASN:HB3	1:861:A:LEU:H	7	1.32
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	5	1.32
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	5	1.32
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	6	1.32
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	6	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	2	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	2	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	2	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	3	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	3	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	3	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	8	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	8	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	8	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	17	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	17	1.32
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	17	1.32
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	5	1.32
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	8	1.32
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	11	1.32
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	19	1.32
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	19	1.32
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	19	1.32
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	1	1.32
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	1	1.32
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	1	1.32
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	3	1.32
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	3	1.32
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	3	1.32
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	19	1.32
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	19	1.32
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	19	1.32
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	15	1.32
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	15	1.32
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	7	1.32
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	7	1.32
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	3	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	3	1.32
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	16	1.32
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	6	1.32
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	6	1.32
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	8	1.32
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	8	1.32
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	8	1.32
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	12	1.32
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	12	1.32
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	12	1.32
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	5	1.32
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	5	1.32
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	5	1.32
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	6	1.32
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	6	1.32
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	6	1.32
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	17	1.32
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	17	1.32
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	17	1.32
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	3	1.32
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	3	1.32
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	15	1.32
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	19	1.32
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	19	1.32
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	15	1.32
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	15	1.32
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	3	1.32
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	5	1.32
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	5	1.32
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	5	1.32
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	14	1.32
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	8	1.32
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	8	1.32
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	8	1.32
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	12	1.32
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	12	1.32
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	12	1.32
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	16	1.32
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	16	1.32
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	16	1.32
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	4	1.32
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	6	1.32
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	6	1.32
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	10	1.32
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	10	1.32
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	7	1.32
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	7	1.32
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	6	1.32
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	2	1.32
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	7	1.32
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	5	1.32
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	5	1.32
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	5	1.32
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	8	1.32
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	8	1.32
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	8	1.32
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	11	1.32
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	11	1.32
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	11	1.32
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	13	1.32
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	13	1.32
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	13	1.32
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	4	1.32
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	10	1.32
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	10	1.32
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	10	1.32
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	5	1.32
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	5	1.32
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	5	1.32
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	19	1.32
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	19	1.32
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	19	1.32
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	1	1.32
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	12	1.32
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	12	1.32
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	15	1.32
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	15	1.32
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	15	1.32
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	5	1.32
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	11	1.32
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	11	1.32
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	7	1.32
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	16	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	5	1.32
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	20	1.32
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	20	1.32
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	20	1.32
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	13	1.32
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	13	1.32
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	13	1.32
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	9	1.32
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	9	1.32
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	9	1.32
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	4	1.32
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	4	1.32
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	4	1.32
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	20	1.32
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	20	1.32
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	20	1.32
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	13	1.32
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	13	1.32
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	20	1.32
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	18	1.32
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	18	1.32
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	18	1.32
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	20	1.32
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	20	1.32
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	20	1.32
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	8	1.32
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	8	1.32
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	8	1.32
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	12	1.32
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	12	1.32
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	12	1.32
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	15	1.32
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	15	1.32
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	15	1.32
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	5	1.32
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	7	1.32
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	7	1.32
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	7	1.32
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	6	1.32
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	6	1.32
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	6	1.32
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	9	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	9	1.32
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	9	1.32
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	20	1.32
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	20	1.32
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	20	1.32
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	16	1.32
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	16	1.32
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	16	1.32
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	16	1.32
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	16	1.32
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	16	1.32
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	17	1.32
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	17	1.32
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	17	1.32
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	17	1.32
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	17	1.32
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	17	1.32
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	18	1.32
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	18	1.32
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	5	1.32
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	13	1.32
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	2	1.32
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	2	1.32
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	2	1.32
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	16	1.32
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	16	1.32
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	16	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	3	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	3	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	3	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	4	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	4	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	4	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	5	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	5	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	5	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	8	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	8	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	8	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	10	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	10	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	10	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	11	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	11	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	11	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	18	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	18	1.32
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	18	1.32
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	1	1.32
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	1	1.32
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	1	1.32
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	1	1.32
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	1	1.32
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	1	1.32
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	6	1.32
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	6	1.32
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	6	1.32
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	3	1.32
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	3	1.32
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	3	1.32
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	2	1.32
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	2	1.32
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	19	1.32
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	19	1.32
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	19	1.32
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	19	1.32
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	13	1.32
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	13	1.32
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	13	1.32
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	1	1.32
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	1	1.32
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	1	1.32
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	11	1.32
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	11	1.32
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	11	1.32
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	18	1.32
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	18	1.32
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	18	1.32
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	13	1.32
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	1	1.32
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	1	1.32
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	1	1.32
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	7	1.32
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	1	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	1	1.32
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	1	1.32
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	18	1.32
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	18	1.32
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	18	1.32
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	1	1.32
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	1	1.32
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	1	1.32
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	16	1.32
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	16	1.32
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	16	1.32
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	5	1.32
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	10	1.32
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	3	1.32
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	3	1.32
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	17	1.32
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	17	1.32
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	14	1.32
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	13	1.32
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	13	1.32
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	13	1.32
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	16	1.32
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	16	1.32
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	16	1.32
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	12	1.32
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	6	1.32
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	6	1.32
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	6	1.32
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	9	1.32
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	9	1.32
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	9	1.32
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	14	1.32
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	14	1.32
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	14	1.32
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	15	1.32
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	15	1.32
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	15	1.32
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	1	1.32
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	1	1.32
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	1	1.32
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	4	1.32
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	4	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	4	1.32
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD11	19	1.32
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD12	19	1.32
(1,195)	1:829:A:LEU:HB2	1:829:A:LEU:HD13	19	1.32
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD23	18	1.32
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD21	18	1.32
(1,179)	1:828:A:LEU:HB3	1:828:A:LEU:HD22	18	1.32
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	12	1.32
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	19	1.32
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	18	1.32
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	18	1.32
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	11	1.32
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	8	1.32
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	8	1.32
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	8	1.32
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	9	1.32
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	9	1.32
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	9	1.32
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	9	1.32
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	9	1.32
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	9	1.32
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	20	1.32
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	20	1.32
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	20	1.32
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	8	1.32
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	8	1.32
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	8	1.32
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	12	1.32
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	15	1.32
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	13	1.32
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	13	1.32
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	13	1.32
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	20	1.32
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	8	1.32
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	8	1.32
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	8	1.32
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	10	1.32
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	10	1.32
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	10	1.32
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	4	1.32
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	4	1.32
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	8	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	8	1.32
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	19	1.32
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	19	1.32
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	20	1.32
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	20	1.32
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	20	1.32
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	9	1.32
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	9	1.32
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	9	1.32
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	9	1.32
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	11	1.32
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	11	1.32
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	11	1.32
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	11	1.32
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	14	1.31
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	14	1.31
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	14	1.31
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	14	1.31
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	16	1.31
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	16	1.31
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	16	1.31
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	16	1.31
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	17	1.31
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	17	1.31
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	17	1.31
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	17	1.31
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	12	1.31
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	12	1.31
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	1	1.31
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	1	1.31
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	15	1.31
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	15	1.31
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	17	1.31
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	17	1.31
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	16	1.31
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	16	1.31
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	18	1.31
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	18	1.31
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	11	1.31
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	11	1.31
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	8	1.31
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	8	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	2	1.31
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	2	1.31
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	2	1.31
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	2	1.31
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	18	1.31
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	18	1.31
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	12	1.31
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	12	1.31
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	12	1.31
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	12	1.31
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	12	1.31
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	12	1.31
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	17	1.31
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	17	1.31
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	17	1.31
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	17	1.31
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	20	1.31
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	20	1.31
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	20	1.31
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	20	1.31
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	7	1.31
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	7	1.31
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	13	1.31
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	13	1.31
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	17	1.31
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	17	1.31
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	19	1.31
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	19	1.31
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	19	1.31
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	19	1.31
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	2	1.31
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	2	1.31
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	2	1.31
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	2	1.31
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG21	4	1.31
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG22	4	1.31
(1,3258)	1:866:A:PRO:HG2	1:907:A:THR:HG23	4	1.31
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG21	4	1.31
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG22	4	1.31
(1,3258)	1:866:A:PRO:HG3	1:907:A:THR:HG23	4	1.31
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	17	1.31
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	17	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	6	1.31
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	6	1.31
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	5	1.31
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	5	1.31
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	4	1.31
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	4	1.31
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	10	1.31
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	10	1.31
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	6	1.31
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	6	1.31
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	17	1.31
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	17	1.31
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	18	1.31
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	18	1.31
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	16	1.31
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	16	1.31
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	16	1.31
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	16	1.31
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	18	1.31
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	18	1.31
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	8	1.31
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	8	1.31
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	8	1.31
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	8	1.31
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	8	1.31
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	8	1.31
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	9	1.31
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	9	1.31
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	9	1.31
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	9	1.31
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	9	1.31
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	9	1.31
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	3	1.31
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	3	1.31
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	1	1.31
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	1	1.31
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	1	1.31
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	8	1.31
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	19	1.31
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	2	1.31
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	2	1.31
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	2	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	10	1.31
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	11	1.31
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	11	1.31
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	11	1.31
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	7	1.31
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	7	1.31
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	7	1.31
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	20	1.31
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	20	1.31
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	20	1.31
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	19	1.31
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	19	1.31
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	13	1.31
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	13	1.31
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	5	1.31
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	5	1.31
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	5	1.31
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	10	1.31
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	10	1.31
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	10	1.31
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	15	1.31
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	15	1.31
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	15	1.31
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	12	1.31
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	12	1.31
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	12	1.31
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	1	1.31
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	1	1.31
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	1	1.31
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	6	1.31
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	6	1.31
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	6	1.31
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	1	1.31
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	1	1.31
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	1	1.31
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD11	15	1.31
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD12	15	1.31
(1,2811)	1:855:A:GLN:HG3	1:896:A:LEU:HD13	15	1.31
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	5	1.31
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	5	1.31
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	5	1.31
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG21	3	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG22	3	1.31
(1,2762)	1:889:A:ILE:HA	1:889:A:ILE:HG23	3	1.31
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG22	2	1.31
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG23	2	1.31
(1,2760)	1:831:A:ILE:HA	1:831:A:ILE:HG21	2	1.31
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	6	1.31
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	6	1.31
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	6	1.31
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	13	1.31
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	13	1.31
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	13	1.31
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	16	1.31
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	16	1.31
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	16	1.31
(1,2739)	1:828:A:LEU:HA	1:831:A:ILE:HG12	12	1.31
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	8	1.31
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	3	1.31
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	18	1.31
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	18	1.31
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	3	1.31
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	3	1.31
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	3	1.31
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	5	1.31
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	1	1.31
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	1	1.31
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	1	1.31
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	15	1.31
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	15	1.31
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	15	1.31
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	10	1.31
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	10	1.31
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	10	1.31
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	10	1.31
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	10	1.31
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	10	1.31
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	10	1.31
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	10	1.31
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	20	1.31
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	20	1.31
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	20	1.31
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	3	1.31
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	3	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	3	1.31
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	18	1.31
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	18	1.31
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	18	1.31
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	8	1.31
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	8	1.31
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	8	1.31
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	8	1.31
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	8	1.31
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	8	1.31
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	7	1.31
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	7	1.31
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	5	1.31
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	5	1.31
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	5	1.31
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	5	1.31
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	16	1.31
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	16	1.31
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	8	1.31
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	8	1.31
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	3	1.31
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	1	1.31
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	1	1.31
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	17	1.31
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	19	1.31
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	6	1.31
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	6	1.31
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	10	1.31
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	10	1.31
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	6	1.31
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	6	1.31
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	6	1.31
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	6	1.31
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	13	1.31
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	13	1.31
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	13	1.31
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	13	1.31
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	3	1.31
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	3	1.31
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	18	1.31
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	18	1.31
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	1	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	3	1.31
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	16	1.31
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	18	1.31
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	18	1.31
(1,2398)	1:870:A:TYR:HE2	1:920:A:LEU:HG	1	1.31
(1,2398)	1:870:A:TYR:HE1	1:920:A:LEU:HG	1	1.31
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	13	1.31
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	13	1.31
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	3	1.31
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	3	1.31
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	3	1.31
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	3	1.31
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	12	1.31
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	12	1.31
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	12	1.31
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	12	1.31
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	14	1.31
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	14	1.31
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	20	1.31
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	20	1.31
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	13	1.31
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	13	1.31
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	13	1.31
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	13	1.31
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	13	1.31
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	13	1.31
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD11	2	1.31
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD12	2	1.31
(1,2358)	1:901:A:PHE:HD2	1:926:A:LEU:HD13	2	1.31
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD11	2	1.31
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD12	2	1.31
(1,2358)	1:901:A:PHE:HD1	1:926:A:LEU:HD13	2	1.31
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	4	1.31
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	4	1.31
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	9	1.31
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	9	1.31
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	5	1.31
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	5	1.31
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	5	1.31
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	5	1.31
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	5	1.31
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	5	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	10	1.31
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	10	1.31
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	10	1.31
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	10	1.31
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	10	1.31
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	10	1.31
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	20	1.31
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	20	1.31
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	8	1.31
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	8	1.31
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	10	1.31
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	10	1.31
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	10	1.31
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	10	1.31
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	10	1.31
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	10	1.31
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	5	1.31
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	5	1.31
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	8	1.31
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	8	1.31
(1,2275)	1:870:A:TYR:HE2	1:912:A:PHE:HB3	7	1.31
(1,2275)	1:870:A:TYR:HE1	1:912:A:PHE:HB3	7	1.31
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	17	1.31
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	10	1.31
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	10	1.31
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	10	1.31
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	11	1.31
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	11	1.31
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	11	1.31
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	2	1.31
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	2	1.31
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	13	1.31
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	13	1.31
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	10	1.31
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	15	1.31
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	15	1.31
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	15	1.31
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	6	1.31
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	6	1.31
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	6	1.31
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	14	1.31
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	14	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	11	1.31
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	11	1.31
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	11	1.31
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	11	1.31
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	11	1.31
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	2	1.31
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	15	1.31
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	15	1.31
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	18	1.31
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	18	1.31
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	18	1.31
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	9	1.31
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	13	1.31
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	13	1.31
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	13	1.31
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	17	1.31
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	17	1.31
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	17	1.31
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	13	1.31
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	13	1.31
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	13	1.31
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	18	1.31
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	18	1.31
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	18	1.31
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	6	1.31
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	6	1.31
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	6	1.31
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	10	1.31
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	17	1.31
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	12	1.31
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	15	1.31
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	15	1.31
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	8	1.31
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	8	1.31
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	8	1.31
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	13	1.31
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	13	1.31
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	13	1.31
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	14	1.31
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	14	1.31
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	4	1.31
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	4	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	13	1.31
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	11	1.31
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	6	1.31
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	9	1.31
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	9	1.31
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	9	1.31
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	19	1.31
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	19	1.31
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	19	1.31
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	3	1.31
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	3	1.31
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	3	1.31
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	6	1.31
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	6	1.31
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	6	1.31
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	8	1.31
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	8	1.31
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	8	1.31
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	20	1.31
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	20	1.31
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	20	1.31
(1,1708)	1:874:A:LEU:HD21	1:878:A:LYS:H	8	1.31
(1,1708)	1:874:A:LEU:HD22	1:878:A:LYS:H	8	1.31
(1,1708)	1:874:A:LEU:HD23	1:878:A:LYS:H	8	1.31
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	7	1.31
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	7	1.31
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	7	1.31
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	13	1.31
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	13	1.31
(1,1687)	1:876:A:LEU:HB3	1:877:A:SER:H	15	1.31
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	9	1.31
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	14	1.31
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	9	1.31
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	5	1.31
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	5	1.31
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	5	1.31
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	9	1.31
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	9	1.31
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	9	1.31
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	19	1.31
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	19	1.31
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE1	17	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1645)	1:874:A:LEU:H	1:924:A:TYR:HE2	17	1.31
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	11	1.31
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	13	1.31
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	2	1.31
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	2	1.31
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	2	1.31
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	14	1.31
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	14	1.31
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	14	1.31
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	3	1.31
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	6	1.31
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	6	1.31
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	6	1.31
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	8	1.31
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	8	1.31
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	8	1.31
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	13	1.31
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	13	1.31
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	13	1.31
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB2	8	1.31
(1,1570)	1:868:A:LEU:H	1:871:A:GLN:HB3	8	1.31
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	11	1.31
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	20	1.31
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	20	1.31
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	5	1.31
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	5	1.31
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	11	1.31
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	11	1.31
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	19	1.31
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	19	1.31
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	9	1.31
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	9	1.31
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	9	1.31
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	20	1.31
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	20	1.31
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	20	1.31
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	4	1.31
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	1	1.31
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	1	1.31
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	16	1.31
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	16	1.31
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	14	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	14	1.31
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	14	1.31
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	8	1.31
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	8	1.31
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	8	1.31
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	8	1.31
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	8	1.31
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	8	1.31
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	18	1.31
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	18	1.31
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	18	1.31
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	11	1.31
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	11	1.31
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	13	1.31
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	13	1.31
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	3	1.31
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	3	1.31
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	3	1.31
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	12	1.31
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	12	1.31
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	10	1.31
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	10	1.31
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	2	1.31
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	6	1.31
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	11	1.31
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	4	1.31
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	4	1.31
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	18	1.31
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	18	1.31
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	18	1.31
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	1	1.31
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	1	1.31
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	1	1.31
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	16	1.31
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	13	1.31
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	13	1.31
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	13	1.31
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	16	1.31
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	16	1.31
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	9	1.31
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	9	1.31
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	9	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	1	1.31
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	1	1.31
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	14	1.31
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	14	1.31
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	5	1.31
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	13	1.31
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	13	1.31
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	1	1.31
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	1	1.31
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	10	1.31
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	10	1.31
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	10	1.31
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	7	1.31
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	12	1.31
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	18	1.31
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	16	1.31
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	16	1.31
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	6	1.31
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	6	1.31
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	6	1.31
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	5	1.31
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	9	1.31
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	9	1.31
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	9	1.31
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	20	1.31
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	6	1.31
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	6	1.31
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	6	1.31
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	5	1.31
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	5	1.31
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	5	1.31
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	9	1.31
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	9	1.31
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	9	1.31
(1,1181)	1:828:A:LEU:H	1:828:A:LEU:HB2	6	1.31
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	1	1.31
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	1	1.31
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	1	1.31
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	6	1.31
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	6	1.31
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	6	1.31
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	4	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	4	1.31
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	4	1.31
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	3	1.31
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	3	1.31
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	4	1.31
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD21	8	1.31
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD22	8	1.31
(1,1101)	1:820:A:LYS:H	1:852:A:LEU:HD23	8	1.31
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	10	1.31
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	1	1.31
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	1	1.31
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	1	1.31
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	16	1.31
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	16	1.31
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	16	1.31
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	19	1.31
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	19	1.31
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	19	1.31
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	1	1.31
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	1	1.31
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	1	1.31
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	9	1.31
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	10	1.31
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	16	1.31
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	2	1.31
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	2	1.31
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	2	1.31
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	16	1.31
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	16	1.31
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	16	1.31
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	3	1.31
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	1	1.31
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	1	1.31
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	5	1.31
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	5	1.31
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	12	1.31
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	12	1.31
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	18	1.31
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	18	1.31
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	8	1.31
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	16	1.31
(1,862)	1:852:A:LEU:HD21	1:855:A:GLN:HG2	1	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,862)	1:852:A:LEU:HD22	1:855:A:GLN:HG2	1	1.31
(1,862)	1:852:A:LEU:HD23	1:855:A:GLN:HG2	1	1.31
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	8	1.31
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	8	1.31
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	8	1.31
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	8	1.31
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	8	1.31
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	8	1.31
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD11	6	1.31
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD12	6	1.31
(1,828)	1:869:A:VAL:HB	1:904:A:LEU:HD13	6	1.31
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	11	1.31
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	11	1.31
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	6	1.31
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	6	1.31
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	6	1.31
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	19	1.31
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	19	1.31
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	19	1.31
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	3	1.31
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	3	1.31
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	3	1.31
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	15	1.31
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	15	1.31
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	15	1.31
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	15	1.31
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	15	1.31
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	15	1.31
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	10	1.31
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	10	1.31
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	10	1.31
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	17	1.31
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	17	1.31
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	17	1.31
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	3	1.31
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	3	1.31
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	3	1.31
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	12	1.31
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	12	1.31
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	8	1.31
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	8	1.31
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	8	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	13	1.31
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	13	1.31
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	13	1.31
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	1	1.31
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	1	1.31
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	1	1.31
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	11	1.31
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	11	1.31
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	11	1.31
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	11	1.31
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	11	1.31
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	11	1.31
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	18	1.31
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	18	1.31
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	18	1.31
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	1	1.31
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	1	1.31
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	1	1.31
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	1	1.31
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	1	1.31
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	1	1.31
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	17	1.31
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	17	1.31
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	13	1.31
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	13	1.31
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	13	1.31
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	18	1.31
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	18	1.31
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	18	1.31
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	2	1.31
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	2	1.31
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	2	1.31
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	6	1.31
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	6	1.31
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	6	1.31
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	9	1.31
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	9	1.31
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	9	1.31
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	3	1.31
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	3	1.31
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	3	1.31
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD21	16	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD22	16	1.31
(1,578)	1:826:A:ALA:HA	1:829:A:LEU:HD23	16	1.31
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	12	1.31
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	12	1.31
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	12	1.31
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	12	1.31
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	12	1.31
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	12	1.31
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	11	1.31
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	11	1.31
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	11	1.31
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	20	1.31
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	20	1.31
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	20	1.31
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	19	1.31
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB1	5	1.31
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB2	5	1.31
(1,522)	1:838:A:PRO:HA	1:879:A:ALA:HB3	5	1.31
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	13	1.31
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	13	1.31
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	13	1.31
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	9	1.31
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	4	1.31
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	3	1.31
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	3	1.31
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	8	1.31
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	8	1.31
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	18	1.31
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	18	1.31
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	10	1.31
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	10	1.31
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	8	1.31
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	7	1.31
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	7	1.31
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	7	1.31
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	20	1.31
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	20	1.31
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	20	1.31
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	4	1.31
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	4	1.31
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	4	1.31
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	18	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	18	1.31
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	18	1.31
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	19	1.31
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	19	1.31
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	19	1.31
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	14	1.31
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	16	1.31
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	16	1.31
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	16	1.31
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	15	1.31
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	15	1.31
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	15	1.31
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	4	1.31
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	4	1.31
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	4	1.31
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD12	19	1.31
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD13	19	1.31
(1,304)	1:852:A:LEU:HA	1:852:A:LEU:HD11	19	1.31
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	18	1.31
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	12	1.31
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	7	1.31
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	11	1.31
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	14	1.31
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	12	1.31
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	12	1.31
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	12	1.31
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	14	1.31
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	14	1.31
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	14	1.31
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	3	1.31
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	1	1.31
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	1	1.31
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	1	1.31
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	19	1.31
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	16	1.31
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	16	1.31
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	16	1.31
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	18	1.31
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	18	1.31
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	18	1.31
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	1	1.31
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	1	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	1	1.31
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	2	1.31
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	2	1.31
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	2	1.31
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	7	1.31
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	7	1.31
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	7	1.31
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	12	1.31
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	12	1.31
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	12	1.31
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	14	1.31
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	14	1.31
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	14	1.31
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	2	1.31
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	2	1.31
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	2	1.31
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	2	1.31
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	2	1.31
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	2	1.31
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	10	1.31
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	10	1.31
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	4	1.31
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	4	1.31
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	4	1.31
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	10	1.31
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	10	1.31
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	10	1.31
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	5	1.31
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	5	1.31
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	5	1.31
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	19	1.31
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	19	1.31
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	19	1.31
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	19	1.31
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	19	1.31
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	19	1.31
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	8	1.31
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	4	1.31
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	4	1.31
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	4	1.31
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	4	1.31
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	4	1.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	4	1.31
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	4	1.31
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	4	1.31
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	4	1.31
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	4	1.31
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	5	1.31
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	5	1.31
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	5	1.31
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	5	1.31
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	5	1.31
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	5	1.31
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	5	1.31
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	5	1.31
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	5	1.31
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	5	1.31
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	2	1.31
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	2	1.31
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	11	1.31
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	11	1.31
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	14	1.31
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	14	1.31
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	20	1.31
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	20	1.31
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	18	1.3
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	18	1.3
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	3	1.3
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	3	1.3
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	16	1.3
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	16	1.3
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	10	1.3
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	10	1.3
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	15	1.3
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	15	1.3
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	17	1.3
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	17	1.3
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	9	1.3
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	9	1.3
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	9	1.3
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	9	1.3
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	9	1.3
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	9	1.3
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	14	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	14	1.3
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	14	1.3
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	14	1.3
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	14	1.3
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	14	1.3
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	19	1.3
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	19	1.3
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	9	1.3
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	9	1.3
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	9	1.3
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	9	1.3
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	12	1.3
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	12	1.3
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	12	1.3
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	12	1.3
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	18	1.3
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	18	1.3
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	6	1.3
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	6	1.3
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	6	1.3
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	6	1.3
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	19	1.3
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	19	1.3
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	19	1.3
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	19	1.3
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	20	1.3
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	20	1.3
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	20	1.3
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	20	1.3
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	1	1.3
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	1	1.3
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	3	1.3
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	3	1.3
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	18	1.3
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	18	1.3
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG2	4	1.3
(1,3245)	1:862:A:ILE:HD11	1:866:A:PRO:HG3	4	1.3
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG2	4	1.3
(1,3245)	1:862:A:ILE:HD12	1:866:A:PRO:HG3	4	1.3
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG2	4	1.3
(1,3245)	1:862:A:ILE:HD13	1:866:A:PRO:HG3	4	1.3
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	13	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	13	1.3
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	11	1.3
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	11	1.3
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	19	1.3
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	19	1.3
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG12	5	1.3
(1,3202)	1:854:A:ILE:H	1:854:A:ILE:HG13	5	1.3
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	14	1.3
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	14	1.3
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	13	1.3
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	13	1.3
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	14	1.3
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	14	1.3
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	19	1.3
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	19	1.3
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	14	1.3
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	14	1.3
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	5	1.3
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	5	1.3
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	5	1.3
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	5	1.3
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	5	1.3
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	5	1.3
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	10	1.3
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	10	1.3
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	3	1.3
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	3	1.3
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	3	1.3
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	13	1.3
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	13	1.3
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	13	1.3
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	6	1.3
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	6	1.3
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	5	1.3
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	5	1.3
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	16	1.3
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	16	1.3
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	3	1.3
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	3	1.3
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	3	1.3
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	3	1.3
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	3	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	3	1.3
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	7	1.3
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	7	1.3
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	7	1.3
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	7	1.3
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	7	1.3
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	7	1.3
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	14	1.3
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	14	1.3
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	14	1.3
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	14	1.3
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	14	1.3
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	14	1.3
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	20	1.3
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	20	1.3
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG2	8	1.3
(1,3072)	1:810:A:GLY:H	1:844:A:LYS:HG3	8	1.3
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	10	1.3
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	10	1.3
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	5	1.3
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	5	1.3
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	5	1.3
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	5	1.3
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	5	1.3
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	5	1.3
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	10	1.3
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	10	1.3
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	10	1.3
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	10	1.3
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	10	1.3
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	10	1.3
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	2	1.3
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	2	1.3
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	20	1.3
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	20	1.3
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	14	1.3
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	14	1.3
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	16	1.3
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	16	1.3
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	16	1.3
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	10	1.3
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	10	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	10	1.3
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	16	1.3
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	16	1.3
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	16	1.3
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	3	1.3
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	7	1.3
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	3	1.3
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	15	1.3
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	15	1.3
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	15	1.3
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	15	1.3
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD11	16	1.3
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD12	16	1.3
(1,2899)	1:904:A:LEU:H	1:904:A:LEU:HD13	16	1.3
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	3	1.3
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	3	1.3
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	3	1.3
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	18	1.3
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	18	1.3
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	18	1.3
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	2	1.3
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	2	1.3
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	2	1.3
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	5	1.3
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	5	1.3
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	5	1.3
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	10	1.3
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	10	1.3
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	10	1.3
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	8	1.3
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	8	1.3
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	8	1.3
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	17	1.3
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	17	1.3
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	17	1.3
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	7	1.3
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	7	1.3
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	7	1.3
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	4	1.3
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	4	1.3
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	4	1.3
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	12	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	12	1.3
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	4	1.3
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	4	1.3
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	4	1.3
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	7	1.3
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	7	1.3
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	7	1.3
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	18	1.3
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	18	1.3
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	18	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	5	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	5	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	5	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	8	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	8	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	8	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	9	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	9	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	9	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	19	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	19	1.3
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	19	1.3
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	16	1.3
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	16	1.3
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	16	1.3
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	8	1.3
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	8	1.3
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	14	1.3
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	10	1.3
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	16	1.3
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	13	1.3
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	13	1.3
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	13	1.3
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	11	1.3
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	19	1.3
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	19	1.3
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	19	1.3
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE1	16	1.3
(1,2671)	1:809:A:PHE:HD2	1:840:A:PHE:HE2	16	1.3
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE1	16	1.3
(1,2671)	1:809:A:PHE:HD1	1:840:A:PHE:HE2	16	1.3
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	19	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	19	1.3
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	2	1.3
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	2	1.3
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	5	1.3
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	5	1.3
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	4	1.3
(1,2640)	1:854:A:ILE:HD11	1:855:A:GLN:HE21	5	1.3
(1,2640)	1:854:A:ILE:HD12	1:855:A:GLN:HE21	5	1.3
(1,2640)	1:854:A:ILE:HD13	1:855:A:GLN:HE21	5	1.3
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	17	1.3
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	17	1.3
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	17	1.3
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	19	1.3
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	19	1.3
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	19	1.3
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	4	1.3
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	4	1.3
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	4	1.3
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	14	1.3
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	14	1.3
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	14	1.3
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	19	1.3
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	19	1.3
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	20	1.3
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	20	1.3
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	19	1.3
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	19	1.3
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	19	1.3
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG2	8	1.3
(1,2565)	1:882:A:PHE:HE2	1:883:A:LYS:HG3	8	1.3
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG2	8	1.3
(1,2565)	1:882:A:PHE:HE1	1:883:A:LYS:HG3	8	1.3
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	12	1.3
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	12	1.3
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	5	1.3
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	5	1.3
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	10	1.3
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	5	1.3
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	5	1.3
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	5	1.3
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	5	1.3
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	15	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	7	1.3
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	9	1.3
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	12	1.3
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	15	1.3
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	18	1.3
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	20	1.3
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	14	1.3
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	14	1.3
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	3	1.3
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	3	1.3
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	6	1.3
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	6	1.3
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	3	1.3
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	3	1.3
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	5	1.3
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	5	1.3
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	2	1.3
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	2	1.3
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	2	1.3
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	2	1.3
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	16	1.3
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	9	1.3
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	11	1.3
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	4	1.3
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	4	1.3
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	1	1.3
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	1	1.3
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	16	1.3
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	16	1.3
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	11	1.3
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	1	1.3
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	1	1.3
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	1	1.3
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	1	1.3
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	1	1.3
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	1	1.3
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	6	1.3
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	6	1.3
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	6	1.3
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	6	1.3
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	6	1.3
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	6	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	13	1.3
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	13	1.3
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE2	19	1.3
(1,2378)	1:877:A:SER:HA	1:882:A:PHE:HE1	19	1.3
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	1	1.3
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	1	1.3
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	1	1.3
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	4	1.3
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	4	1.3
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	10	1.3
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	10	1.3
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	13	1.3
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	13	1.3
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	18	1.3
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	18	1.3
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	4	1.3
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	4	1.3
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	4	1.3
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	4	1.3
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	4	1.3
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	4	1.3
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	18	1.3
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	18	1.3
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	7	1.3
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	7	1.3
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	16	1.3
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	16	1.3
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	18	1.3
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	18	1.3
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	18	1.3
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	18	1.3
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	3	1.3
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	3	1.3
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	18	1.3
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	18	1.3
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	18	1.3
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	10	1.3
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	10	1.3
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	10	1.3
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	12	1.3
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	12	1.3
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	9	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	9	1.3
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	9	1.3
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	3	1.3
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	3	1.3
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	3	1.3
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	9	1.3
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	9	1.3
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	9	1.3
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	19	1.3
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	19	1.3
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	19	1.3
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	2	1.3
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	2	1.3
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	8	1.3
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	8	1.3
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	8	1.3
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	1	1.3
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	20	1.3
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	16	1.3
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	6	1.3
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	6	1.3
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	6	1.3
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	3	1.3
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	3	1.3
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	3	1.3
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	5	1.3
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	4	1.3
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	4	1.3
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	4	1.3
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	4	1.3
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	4	1.3
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	4	1.3
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	6	1.3
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	6	1.3
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	6	1.3
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	14	1.3
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	14	1.3
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	14	1.3
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	11	1.3
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	6	1.3
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	6	1.3
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	17	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	20	1.3
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	20	1.3
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	20	1.3
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	19	1.3
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	19	1.3
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	19	1.3
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	3	1.3
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	6	1.3
(1,1918)	1:899:A:GLN:H	1:899:A:GLN:HE22	2	1.3
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	14	1.3
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	14	1.3
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	14	1.3
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	15	1.3
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	15	1.3
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	15	1.3
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG2	1	1.3
(1,1883)	1:895:A:GLU:H	1:895:A:GLU:HG3	1	1.3
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	15	1.3
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	15	1.3
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	18	1.3
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	18	1.3
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	4	1.3
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	8	1.3
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	12	1.3
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	12	1.3
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	12	1.3
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	4	1.3
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	4	1.3
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	17	1.3
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	11	1.3
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	11	1.3
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	11	1.3
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	12	1.3
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	12	1.3
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	12	1.3
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	16	1.3
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	16	1.3
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	16	1.3
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	18	1.3
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	18	1.3
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	18	1.3
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	20	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	20	1.3
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	2	1.3
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	2	1.3
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	2	1.3
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	3	1.3
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	3	1.3
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	3	1.3
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	10	1.3
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	10	1.3
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	10	1.3
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	9	1.3
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	9	1.3
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	9	1.3
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	10	1.3
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	10	1.3
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	10	1.3
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	12	1.3
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	19	1.3
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	3	1.3
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	3	1.3
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	3	1.3
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	6	1.3
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	6	1.3
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	14	1.3
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	14	1.3
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	7	1.3
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	7	1.3
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	7	1.3
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	2	1.3
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	3	1.3
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	8	1.3
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	14	1.3
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	14	1.3
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	10	1.3
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	10	1.3
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	10	1.3
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	15	1.3
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	15	1.3
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	15	1.3
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	15	1.3
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD21	4	1.3
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD22	4	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1481)	1:859:A:ASN:HD21	1:896:A:LEU:HD23	4	1.3
(1,1424)	1:854:A:ILE:HD11	1:855:A:GLN:H	15	1.3
(1,1424)	1:854:A:ILE:HD12	1:855:A:GLN:H	15	1.3
(1,1424)	1:854:A:ILE:HD13	1:855:A:GLN:H	15	1.3
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	2	1.3
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	14	1.3
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	14	1.3
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	14	1.3
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	18	1.3
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	18	1.3
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	1	1.3
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	1	1.3
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	7	1.3
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	7	1.3
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	14	1.3
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	7	1.3
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	19	1.3
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	10	1.3
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	10	1.3
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	10	1.3
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	13	1.3
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	13	1.3
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	13	1.3
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	13	1.3
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	13	1.3
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	13	1.3
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	3	1.3
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	3	1.3
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	3	1.3
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	6	1.3
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	6	1.3
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	3	1.3
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	3	1.3
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	3	1.3
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	20	1.3
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	13	1.3
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	13	1.3
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	8	1.3
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	8	1.3
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	17	1.3
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	8	1.3
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	8	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	20	1.3
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	20	1.3
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	20	1.3
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	4	1.3
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	4	1.3
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	4	1.3
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	6	1.3
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	6	1.3
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	6	1.3
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	11	1.3
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	4	1.3
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	4	1.3
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	4	1.3
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	20	1.3
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	20	1.3
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	20	1.3
(1,1227)	1:832:A:THR:H	1:832:A:THR:HG1	17	1.3
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	4	1.3
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	4	1.3
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	4	1.3
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	7	1.3
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	7	1.3
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	7	1.3
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	16	1.3
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	16	1.3
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	16	1.3
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	8	1.3
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	8	1.3
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	8	1.3
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	12	1.3
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	12	1.3
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	12	1.3
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	19	1.3
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	19	1.3
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	19	1.3
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	20	1.3
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	20	1.3
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	20	1.3
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	6	1.3
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	6	1.3
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	8	1.3
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	8	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	4	1.3
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	4	1.3
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	4	1.3
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	5	1.3
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	5	1.3
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	5	1.3
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	11	1.3
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	11	1.3
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	11	1.3
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	3	1.3
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	3	1.3
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	18	1.3
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	18	1.3
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	11	1.3
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	11	1.3
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	11	1.3
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	8	1.3
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	1	1.3
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	1	1.3
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	6	1.3
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	11	1.3
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	11	1.3
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	11	1.3
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	17	1.3
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	17	1.3
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	17	1.3
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	14	1.3
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	19	1.3
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	18	1.3
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	18	1.3
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	12	1.3
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	12	1.3
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	11	1.3
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	11	1.3
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	20	1.3
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	20	1.3
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	20	1.3
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	12	1.3
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	8	1.3
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	2	1.3
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	10	1.3
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	9	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	9	1.3
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	9	1.3
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	20	1.3
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	20	1.3
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	20	1.3
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	20	1.3
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	20	1.3
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	20	1.3
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	2	1.3
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	2	1.3
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	2	1.3
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	14	1.3
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	9	1.3
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	1	1.3
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	1	1.3
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	1	1.3
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	9	1.3
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	9	1.3
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	9	1.3
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	14	1.3
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	14	1.3
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	14	1.3
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	1	1.3
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	1	1.3
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	1	1.3
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	6	1.3
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	6	1.3
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	6	1.3
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	11	1.3
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	11	1.3
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	11	1.3
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	11	1.3
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	11	1.3
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	11	1.3
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	13	1.3
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	13	1.3
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	13	1.3
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	2	1.3
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	17	1.3
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	17	1.3
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	17	1.3
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	19	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	19	1.3
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	19	1.3
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	11	1.3
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	11	1.3
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	11	1.3
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	11	1.3
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	11	1.3
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	11	1.3
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	5	1.3
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	2	1.3
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	2	1.3
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	7	1.3
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	7	1.3
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	3	1.3
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	3	1.3
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	1	1.3
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	1	1.3
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	1	1.3
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	5	1.3
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	5	1.3
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	5	1.3
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	20	1.3
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	20	1.3
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	20	1.3
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	16	1.3
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	16	1.3
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	16	1.3
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	20	1.3
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	20	1.3
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	20	1.3
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	13	1.3
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	13	1.3
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	13	1.3
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	5	1.3
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	5	1.3
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	5	1.3
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	10	1.3
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	10	1.3
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	10	1.3
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	1	1.3
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	1	1.3
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	9	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	9	1.3
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	1	1.3
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	1	1.3
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	1	1.3
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	5	1.3
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	17	1.3
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	3	1.3
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	3	1.3
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	3	1.3
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	8	1.3
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	8	1.3
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	8	1.3
(1,403)	1:862:A:ILE:HD11	1:900:A:LEU:HA	4	1.3
(1,403)	1:862:A:ILE:HD12	1:900:A:LEU:HA	4	1.3
(1,403)	1:862:A:ILE:HD13	1:900:A:LEU:HA	4	1.3
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	2	1.3
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	2	1.3
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	2	1.3
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	4	1.3
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	4	1.3
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	4	1.3
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	5	1.3
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	5	1.3
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	5	1.3
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	6	1.3
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	6	1.3
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	6	1.3
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	13	1.3
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	13	1.3
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	13	1.3
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	2	1.3
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	2	1.3
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	2	1.3
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	20	1.3
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	20	1.3
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	20	1.3
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	4	1.3
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	4	1.3
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	4	1.3
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	8	1.3
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	8	1.3
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	8	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	7	1.3
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	7	1.3
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	7	1.3
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	4	1.3
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	19	1.3
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	13	1.3
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	13	1.3
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	18	1.3
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	4	1.3
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	18	1.3
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	9	1.3
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	9	1.3
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	9	1.3
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	11	1.3
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	11	1.3
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	11	1.3
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	19	1.3
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	19	1.3
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	19	1.3
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	5	1.3
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	18	1.3
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	18	1.3
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	18	1.3
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	7	1.3
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	7	1.3
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	7	1.3
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	11	1.3
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	11	1.3
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	11	1.3
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	11	1.3
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	11	1.3
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	16	1.3
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	16	1.3
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	14	1.3
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	18	1.3
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	18	1.3
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	18	1.3
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	4	1.3
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	4	1.3
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	4	1.3
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	4	1.3
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	4	1.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	4	1.3
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	2	1.3
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	2	1.3
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	2	1.3
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	8	1.3
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	7	1.3
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	7	1.3
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	7	1.3
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	6	1.3
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	6	1.3
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	9	1.3
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	9	1.3
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	12	1.3
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	12	1.3
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	13	1.3
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	13	1.3
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	15	1.3
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	15	1.3
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	4	1.3
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	15	1.3
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	15	1.3
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	15	1.3
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	19	1.3
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	19	1.3
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	19	1.3
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	13	1.29
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	13	1.29
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	13	1.29
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	13	1.29
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	19	1.29
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	19	1.29
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	10	1.29
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	10	1.29
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	1	1.29
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	1	1.29
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	18	1.29
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	18	1.29
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	19	1.29
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	19	1.29
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	8	1.29
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	8	1.29
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	9	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	9	1.29
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	18	1.29
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	18	1.29
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	11	1.29
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	11	1.29
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	11	1.29
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	11	1.29
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	11	1.29
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	11	1.29
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	2	1.29
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	2	1.29
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	19	1.29
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	19	1.29
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	19	1.29
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	19	1.29
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	7	1.29
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	7	1.29
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	7	1.29
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	7	1.29
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD2	5	1.29
(1,3274)	1:875:A:TYR:HA	1:878:A:LYS:HD3	5	1.29
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	15	1.29
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	15	1.29
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	12	1.29
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	12	1.29
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	14	1.29
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	14	1.29
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	20	1.29
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	20	1.29
(1,3255)	1:866:A:PRO:HG2	1:867:A:SER:H	6	1.29
(1,3255)	1:866:A:PRO:HG3	1:867:A:SER:H	6	1.29
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB2	14	1.29
(1,3210)	1:856:A:SER:H	1:856:A:SER:HB3	14	1.29
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	3	1.29
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	3	1.29
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	3	1.29
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	3	1.29
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	1	1.29
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	1	1.29
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	12	1.29
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	12	1.29
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	14	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	14	1.29
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	8	1.29
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	8	1.29
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	16	1.29
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	16	1.29
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	4	1.29
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	4	1.29
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	4	1.29
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	4	1.29
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	8	1.29
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	8	1.29
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	8	1.29
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	8	1.29
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	2	1.29
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	2	1.29
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	12	1.29
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	12	1.29
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	12	1.29
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	9	1.29
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	9	1.29
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	12	1.29
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	12	1.29
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	12	1.29
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	12	1.29
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	12	1.29
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	12	1.29
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	4	1.29
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	4	1.29
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	5	1.29
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	5	1.29
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	18	1.29
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	18	1.29
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	5	1.29
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	5	1.29
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	11	1.29
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	11	1.29
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	13	1.29
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	13	1.29
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	7	1.29
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	7	1.29
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	7	1.29
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	18	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	9	1.29
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	3	1.29
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	11	1.29
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	11	1.29
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	11	1.29
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	13	1.29
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	13	1.29
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	13	1.29
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	20	1.29
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	20	1.29
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	20	1.29
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	19	1.29
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	19	1.29
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	19	1.29
(1,2851)	1:854:A:ILE:HG21	1:855:A:GLN:HG2	3	1.29
(1,2851)	1:854:A:ILE:HG22	1:855:A:GLN:HG2	3	1.29
(1,2851)	1:854:A:ILE:HG23	1:855:A:GLN:HG2	3	1.29
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	13	1.29
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	3	1.29
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	3	1.29
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	3	1.29
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	16	1.29
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	16	1.29
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	16	1.29
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	6	1.29
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	6	1.29
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	6	1.29
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	5	1.29
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	5	1.29
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	5	1.29
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	9	1.29
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	9	1.29
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	9	1.29
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	15	1.29
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	15	1.29
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	15	1.29
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	7	1.29
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	18	1.29
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	18	1.29
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	15	1.29
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	11	1.29
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	17	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	7	1.29
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	7	1.29
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	7	1.29
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	3	1.29
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	14	1.29
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	14	1.29
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	14	1.29
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	2	1.29
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	2	1.29
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	2	1.29
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	9	1.29
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	9	1.29
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	9	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	11	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	11	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	11	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	18	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	18	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	18	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	20	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	20	1.29
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	20	1.29
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	20	1.29
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	20	1.29
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	12	1.29
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	12	1.29
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	2	1.29
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	2	1.29
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	1	1.29
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	1	1.29
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	20	1.29
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	20	1.29
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	8	1.29
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	8	1.29
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	8	1.29
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	18	1.29
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	18	1.29
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	18	1.29
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	19	1.29
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	19	1.29
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	3	1.29
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	3	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	16	1.29
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	6	1.29
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	8	1.29
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	10	1.29
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	14	1.29
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	5	1.29
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	5	1.29
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	5	1.29
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	5	1.29
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD1	11	1.29
(1,2503)	1:838:A:PRO:HG2	1:875:A:TYR:HD2	11	1.29
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD1	11	1.29
(1,2503)	1:838:A:PRO:HG3	1:875:A:TYR:HD2	11	1.29
(1,2472)	1:804:A:ASN:HB2	1:805:A:ASN:H	10	1.29
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	3	1.29
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	3	1.29
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	3	1.29
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	3	1.29
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	3	1.29
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	3	1.29
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	12	1.29
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	12	1.29
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	12	1.29
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	12	1.29
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	8	1.29
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	8	1.29
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	8	1.29
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	12	1.29
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	18	1.29
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	20	1.29
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	14	1.29
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	14	1.29
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	13	1.29
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	13	1.29
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	13	1.29
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	13	1.29
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	13	1.29
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	13	1.29
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	1	1.29
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	1	1.29
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	1	1.29
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	1	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	7	1.29
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	7	1.29
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	7	1.29
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	8	1.29
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	8	1.29
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	9	1.29
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	9	1.29
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	19	1.29
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	19	1.29
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	11	1.29
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	11	1.29
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	18	1.29
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	18	1.29
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	8	1.29
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	8	1.29
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	12	1.29
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	12	1.29
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	2	1.29
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	2	1.29
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	2	1.29
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	2	1.29
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	2	1.29
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	2	1.29
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	4	1.29
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	4	1.29
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	4	1.29
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	4	1.29
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	4	1.29
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	4	1.29
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	8	1.29
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	8	1.29
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	4	1.29
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	4	1.29
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD1	13	1.29
(1,2302)	1:837:A:LEU:HA	1:840:A:PHE:HD2	13	1.29
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	7	1.29
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	7	1.29
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	18	1.29
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD11	2	1.29
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD12	2	1.29
(1,2254)	1:901:A:PHE:HZ	1:917:A:ILE:HD13	2	1.29
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	5	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	5	1.29
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	5	1.29
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	8	1.29
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	8	1.29
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB3	4	1.29
(1,2229)	1:926:A:LEU:H	1:926:A:LEU:HB2	4	1.29
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	13	1.29
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	13	1.29
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	13	1.29
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	13	1.29
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	11	1.29
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	11	1.29
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	11	1.29
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	4	1.29
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	4	1.29
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	4	1.29
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	8	1.29
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	8	1.29
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	3	1.29
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	10	1.29
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	10	1.29
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	10	1.29
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	10	1.29
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	11	1.29
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	13	1.29
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	16	1.29
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	16	1.29
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	14	1.29
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	14	1.29
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	14	1.29
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	15	1.29
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	15	1.29
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	15	1.29
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	1	1.29
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	4	1.29
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	12	1.29
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	15	1.29
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	16	1.29
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	19	1.29
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	7	1.29
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	7	1.29
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD22	3	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD23	3	1.29
(1,1900)	1:898:A:GLU:H	1:926:A:LEU:HD21	3	1.29
(1,1858)	1:890:A:SER:H	1:893:A:GLN:HE21	19	1.29
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	3	1.29
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	3	1.29
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	3	1.29
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	1	1.29
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	1	1.29
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	1	1.29
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	13	1.29
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	13	1.29
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	17	1.29
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	17	1.29
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	3	1.29
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	14	1.29
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	12	1.29
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	12	1.29
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	12	1.29
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	14	1.29
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	14	1.29
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	20	1.29
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	2	1.29
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	2	1.29
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	13	1.29
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	13	1.29
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	18	1.29
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	18	1.29
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	18	1.29
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	3	1.29
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	3	1.29
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	3	1.29
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	13	1.29
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	13	1.29
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	13	1.29
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	11	1.29
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	11	1.29
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	11	1.29
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	7	1.29
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	10	1.29
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	12	1.29
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	15	1.29
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	18	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	11	1.29
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	13	1.29
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	13	1.29
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	13	1.29
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	2	1.29
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	10	1.29
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	7	1.29
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	7	1.29
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	7	1.29
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	7	1.29
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	7	1.29
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	7	1.29
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	13	1.29
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	13	1.29
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	4	1.29
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	4	1.29
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	10	1.29
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	10	1.29
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	16	1.29
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	5	1.29
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	8	1.29
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	8	1.29
(1,1533)	1:861:A:LEU:HD21	1:865:A:ASP:H	13	1.29
(1,1533)	1:861:A:LEU:HD22	1:865:A:ASP:H	13	1.29
(1,1533)	1:861:A:LEU:HD23	1:865:A:ASP:H	13	1.29
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	12	1.29
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	3	1.29
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	3	1.29
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	8	1.29
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	8	1.29
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	8	1.29
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	1	1.29
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	5	1.29
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	14	1.29
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	16	1.29
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	4	1.29
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	4	1.29
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	4	1.29
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	12	1.29
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	12	1.29
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	12	1.29
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	17	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	17	1.29
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	12	1.29
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	16	1.29
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	16	1.29
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	15	1.29
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	13	1.29
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	3	1.29
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	3	1.29
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	3	1.29
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	9	1.29
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	9	1.29
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	9	1.29
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	5	1.29
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	5	1.29
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	5	1.29
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	10	1.29
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	10	1.29
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	10	1.29
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	17	1.29
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	17	1.29
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	17	1.29
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	5	1.29
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	5	1.29
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	5	1.29
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	2	1.29
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	2	1.29
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	3	1.29
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	3	1.29
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	3	1.29
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	6	1.29
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	6	1.29
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	11	1.29
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	11	1.29
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	16	1.29
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	16	1.29
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	13	1.29
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	13	1.29
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	13	1.29
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	18	1.29
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	11	1.29
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	11	1.29
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	11	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	6	1.29
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	12	1.29
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	10	1.29
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	10	1.29
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	10	1.29
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	19	1.29
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	19	1.29
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	19	1.29
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	16	1.29
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	16	1.29
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	8	1.29
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	8	1.29
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	14	1.29
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	14	1.29
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	6	1.29
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	6	1.29
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	6	1.29
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	14	1.29
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	14	1.29
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	14	1.29
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	2	1.29
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	2	1.29
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	2	1.29
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	2	1.29
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	2	1.29
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	2	1.29
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	4	1.29
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	4	1.29
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	4	1.29
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	11	1.29
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	11	1.29
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	11	1.29
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	15	1.29
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	11	1.29
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	11	1.29
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	3	1.29
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	3	1.29
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	4	1.29
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	4	1.29
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	13	1.29
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	13	1.29
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	20	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	9	1.29
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	14	1.29
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	8	1.29
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	8	1.29
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	20	1.29
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	20	1.29
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	2	1.29
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	10	1.29
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	10	1.29
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	10	1.29
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	10	1.29
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	10	1.29
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	10	1.29
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	19	1.29
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	19	1.29
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	19	1.29
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	18	1.29
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	18	1.29
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	18	1.29
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	18	1.29
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	18	1.29
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	18	1.29
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	16	1.29
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	16	1.29
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	17	1.29
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	17	1.29
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	17	1.29
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	5	1.29
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	5	1.29
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	5	1.29
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	10	1.29
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	10	1.29
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	10	1.29
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	18	1.29
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	18	1.29
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	18	1.29
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	9	1.29
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	9	1.29
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	9	1.29
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	9	1.29
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	9	1.29
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	9	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	11	1.29
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	11	1.29
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	11	1.29
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	10	1.29
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	10	1.29
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	1	1.29
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	1	1.29
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	1	1.29
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	3	1.29
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	3	1.29
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	3	1.29
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	3	1.29
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	3	1.29
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	3	1.29
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	3	1.29
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	8	1.29
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	8	1.29
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	8	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	8	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	8	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	8	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	9	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	9	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	9	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	13	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	13	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	13	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	14	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	14	1.29
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	14	1.29
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	1	1.29
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	18	1.29
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	14	1.29
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	5	1.29
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	5	1.29
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	5	1.29
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	14	1.29
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	14	1.29
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	2	1.29
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	2	1.29
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	6	1.29
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	6	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	6	1.29
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	14	1.29
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	14	1.29
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	14	1.29
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	15	1.29
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	15	1.29
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	15	1.29
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	15	1.29
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	15	1.29
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	15	1.29
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	20	1.29
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	20	1.29
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	20	1.29
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	20	1.29
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	20	1.29
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	20	1.29
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	13	1.29
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	2	1.29
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	2	1.29
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	2	1.29
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	6	1.29
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	6	1.29
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	6	1.29
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	4	1.29
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	4	1.29
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	4	1.29
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	4	1.29
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	13	1.29
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	13	1.29
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	13	1.29
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	13	1.29
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	13	1.29
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	13	1.29
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	15	1.29
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	15	1.29
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	15	1.29
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	5	1.29
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	5	1.29
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	5	1.29
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	12	1.29
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	12	1.29
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	12	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	11	1.29
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	11	1.29
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	11	1.29
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	11	1.29
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	11	1.29
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	11	1.29
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	14	1.29
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	14	1.29
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	14	1.29
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	10	1.29
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	10	1.29
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	10	1.29
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	20	1.29
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	20	1.29
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	20	1.29
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	13	1.29
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	13	1.29
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	13	1.29
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	6	1.29
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	8	1.29
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	16	1.29
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	16	1.29
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	16	1.29
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	16	1.29
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	9	1.29
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	9	1.29
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	13	1.29
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	13	1.29
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	11	1.29
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	14	1.29
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD13	17	1.29
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD11	17	1.29
(1,211)	1:831:A:ILE:HB	1:831:A:ILE:HD12	17	1.29
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	10	1.29
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	10	1.29
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	10	1.29
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	16	1.29
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	16	1.29
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	16	1.29
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB1	13	1.29
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB2	13	1.29
(1,202)	1:827:A:HIS:HA	1:830:A:ALA:HB3	13	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	13	1.29
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	13	1.29
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	13	1.29
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	18	1.29
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	18	1.29
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	18	1.29
(1,136)	1:816:A:LEU:HB3	1:821:A:ASP:HB2	12	1.29
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	2	1.29
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	2	1.29
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	2	1.29
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	2	1.29
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	2	1.29
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	2	1.29
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	13	1.29
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	13	1.29
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	13	1.29
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	19	1.29
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	19	1.29
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	19	1.29
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	16	1.29
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	6	1.29
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	6	1.29
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	14	1.29
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	14	1.29
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	15	1.29
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	15	1.29
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	7	1.29
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	7	1.29
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	7	1.29
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	5	1.29
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	5	1.29
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	1	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	2	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	2	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	2	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	10	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	10	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	10	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	13	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	13	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	13	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	14	1.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	14	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	14	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	16	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	16	1.29
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	16	1.29
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	5	1.28
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	5	1.28
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	15	1.28
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	15	1.28
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	20	1.28
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	20	1.28
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	7	1.28
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	7	1.28
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	11	1.28
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	11	1.28
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	2	1.28
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	2	1.28
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	8	1.28
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	8	1.28
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	9	1.28
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	9	1.28
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	8	1.28
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	8	1.28
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	14	1.28
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	14	1.28
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	3	1.28
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	3	1.28
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	13	1.28
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	13	1.28
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	4	1.28
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	4	1.28
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	14	1.28
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	14	1.28
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	14	1.28
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	14	1.28
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	4	1.28
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	4	1.28
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	18	1.28
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	18	1.28
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	7	1.28
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	7	1.28
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	7	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	7	1.28
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	16	1.28
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	16	1.28
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	9	1.28
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	9	1.28
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	1	1.28
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	1	1.28
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	1	1.28
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	1	1.28
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	13	1.28
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	13	1.28
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	13	1.28
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	13	1.28
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	20	1.28
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	20	1.28
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	20	1.28
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	20	1.28
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	11	1.28
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	11	1.28
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	19	1.28
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	19	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	3	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	3	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	6	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	6	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	7	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	7	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	14	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	14	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	15	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	15	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	19	1.28
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	19	1.28
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	1	1.28
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	1	1.28
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	1	1.28
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	8	1.28
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	8	1.28
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	7	1.28
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	7	1.28
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	7	1.28
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	7	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	7	1.28
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	7	1.28
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	9	1.28
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	9	1.28
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	11	1.28
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	11	1.28
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	7	1.28
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	7	1.28
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	7	1.28
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	16	1.28
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	16	1.28
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	11	1.28
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB2	20	1.28
(1,2929)	1:856:A:SER:HA	1:859:A:ASN:HB3	20	1.28
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	10	1.28
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	19	1.28
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	19	1.28
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	19	1.28
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	10	1.28
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	10	1.28
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	14	1.28
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	14	1.28
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	16	1.28
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	16	1.28
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	16	1.28
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	16	1.28
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	14	1.28
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	14	1.28
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	15	1.28
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	15	1.28
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	15	1.28
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	3	1.28
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	3	1.28
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	3	1.28
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	4	1.28
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	4	1.28
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	4	1.28
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	6	1.28
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	6	1.28
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	6	1.28
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG21	1	1.28
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG22	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2759)	1:913:A:THR:HA	1:913:A:THR:HG23	1	1.28
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	20	1.28
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	20	1.28
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	20	1.28
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	20	1.28
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	11	1.28
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	4	1.28
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	18	1.28
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	19	1.28
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD12	2	1.28
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD13	2	1.28
(1,2694)	1:821:A:ASP:H	1:852:A:LEU:HD11	2	1.28
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	2	1.28
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	2	1.28
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	2	1.28
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	6	1.28
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	6	1.28
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	6	1.28
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	2	1.28
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	7	1.28
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	11	1.28
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	11	1.28
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	15	1.28
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	15	1.28
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	8	1.28
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	7	1.28
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	7	1.28
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	7	1.28
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	5	1.28
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	5	1.28
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	5	1.28
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	12	1.28
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	12	1.28
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	12	1.28
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	11	1.28
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	11	1.28
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	11	1.28
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	9	1.28
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	9	1.28
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	9	1.28
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	13	1.28
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	13	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	13	1.28
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	15	1.28
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	15	1.28
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	15	1.28
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	16	1.28
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	16	1.28
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	16	1.28
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	14	1.28
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	1	1.28
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	1	1.28
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	6	1.28
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	6	1.28
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	7	1.28
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	20	1.28
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	20	1.28
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	3	1.28
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	3	1.28
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	1	1.28
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	1	1.28
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	2	1.28
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	11	1.28
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	5	1.28
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	5	1.28
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	14	1.28
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	14	1.28
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	18	1.28
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	18	1.28
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	18	1.28
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	18	1.28
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	10	1.28
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	10	1.28
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	17	1.28
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	17	1.28
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	19	1.28
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	19	1.28
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	20	1.28
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	20	1.28
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	17	1.28
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	17	1.28
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	5	1.28
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	5	1.28
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	13	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	1	1.28
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	1	1.28
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	10	1.28
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	14	1.28
(1,2435)	1:867:A:SER:HB2	1:911:A:HIS:HD2	4	1.28
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	8	1.28
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	11	1.28
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	11	1.28
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	3	1.28
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	8	1.28
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	15	1.28
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	11	1.28
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	11	1.28
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	11	1.28
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	4	1.28
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	4	1.28
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	4	1.28
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	4	1.28
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	4	1.28
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	4	1.28
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	14	1.28
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	14	1.28
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	14	1.28
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	14	1.28
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	14	1.28
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	14	1.28
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	2	1.28
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	10	1.28
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	10	1.28
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	5	1.28
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	5	1.28
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	5	1.28
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	8	1.28
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	8	1.28
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	8	1.28
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	11	1.28
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	11	1.28
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	7	1.28
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	15	1.28
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	18	1.28
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	18	1.28
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	18	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	16	1.28
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	3	1.28
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	3	1.28
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	5	1.28
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	5	1.28
(1,2023)	1:909:A:ASN:HD22	1:911:A:HIS:HD2	17	1.28
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	15	1.28
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	15	1.28
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	15	1.28
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	11	1.28
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	11	1.28
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	11	1.28
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	2	1.28
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	9	1.28
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	10	1.28
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	10	1.28
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	2	1.28
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	7	1.28
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	13	1.28
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	19	1.28
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	20	1.28
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	20	1.28
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	20	1.28
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	5	1.28
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	5	1.28
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	5	1.28
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	1	1.28
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	1	1.28
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	1	1.28
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	11	1.28
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	11	1.28
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	18	1.28
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	18	1.28
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	5	1.28
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	5	1.28
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	7	1.28
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	7	1.28
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	7	1.28
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	11	1.28
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	11	1.28
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	18	1.28
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	18	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	9	1.28
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	9	1.28
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	12	1.28
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	12	1.28
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	9	1.28
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	19	1.28
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	19	1.28
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	17	1.28
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	17	1.28
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	17	1.28
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	4	1.28
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	4	1.28
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	4	1.28
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	4	1.28
(1,1665)	1:872:A:HIS:HA	1:876:A:LEU:H	15	1.28
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	8	1.28
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	8	1.28
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	4	1.28
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	4	1.28
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	4	1.28
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	20	1.28
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	20	1.28
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	1	1.28
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	9	1.28
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	14	1.28
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	16	1.28
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	8	1.28
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	8	1.28
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	18	1.28
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	18	1.28
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	18	1.28
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	1	1.28
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	1	1.28
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	2	1.28
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	2	1.28
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	9	1.28
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	17	1.28
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	17	1.28
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	17	1.28
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	11	1.28
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	11	1.28
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	17	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	17	1.28
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	7	1.28
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	7	1.28
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	1	1.28
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	20	1.28
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	13	1.28
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	13	1.28
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	2	1.28
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	13	1.28
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	6	1.28
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	6	1.28
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB2	18	1.28
(1,1503)	1:861:A:LEU:H	1:861:A:LEU:HB3	18	1.28
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB1	4	1.28
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB2	4	1.28
(1,1494)	1:805:A:ASN:H	1:806:A:ALA:HB3	4	1.28
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	1	1.28
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	7	1.28
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	10	1.28
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	10	1.28
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	10	1.28
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	10	1.28
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	10	1.28
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	3	1.28
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	4	1.28
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	7	1.28
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	8	1.28
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	10	1.28
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	11	1.28
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	12	1.28
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	13	1.28
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	17	1.28
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	2	1.28
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	3	1.28
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	3	1.28
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	9	1.28
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	18	1.28
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	20	1.28
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	7	1.28
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	7	1.28
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	7	1.28
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	9	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	9	1.28
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	9	1.28
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	10	1.28
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	10	1.28
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	10	1.28
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	19	1.28
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	19	1.28
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	4	1.28
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	4	1.28
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	11	1.28
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	11	1.28
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	12	1.28
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	12	1.28
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	4	1.28
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	4	1.28
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	8	1.28
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	8	1.28
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	16	1.28
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	7	1.28
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	7	1.28
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	9	1.28
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	11	1.28
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	12	1.28
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	13	1.28
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	4	1.28
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	14	1.28
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	14	1.28
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	19	1.28
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	19	1.28
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	19	1.28
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	13	1.28
(1,1214)	1:829:A:LEU:HD21	1:830:A:ALA:H	17	1.28
(1,1214)	1:829:A:LEU:HD22	1:830:A:ALA:H	17	1.28
(1,1214)	1:829:A:LEU:HD23	1:830:A:ALA:H	17	1.28
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	1	1.28
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	1	1.28
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	1	1.28
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	8	1.28
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	10	1.28
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	4	1.28
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	4	1.28
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	4	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	7	1.28
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	18	1.28
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	19	1.28
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	19	1.28
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	19	1.28
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	13	1.28
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	13	1.28
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	12	1.28
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	12	1.28
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	13	1.28
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	13	1.28
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	7	1.28
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	7	1.28
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	17	1.28
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	17	1.28
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	19	1.28
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	19	1.28
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	7	1.28
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	7	1.28
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	7	1.28
(1,1020)	1:813:A:ILE:H	1:813:A:ILE:HG12	9	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	5	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	5	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	7	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	7	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	8	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	8	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	11	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	11	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	12	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	12	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	15	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	15	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	16	1.28
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	16	1.28
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	14	1.28
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	16	1.28
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	19	1.28
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	4	1.28
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	4	1.28
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	4	1.28
(1,941)	1:805:A:ASN:HD21	1:807:A:TYR:HB2	11	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	18	1.28
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	15	1.28
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	3	1.28
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	17	1.28
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	20	1.28
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	9	1.28
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	9	1.28
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	9	1.28
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	2	1.28
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	2	1.28
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	2	1.28
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	2	1.28
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	2	1.28
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	2	1.28
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	14	1.28
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	14	1.28
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	14	1.28
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	8	1.28
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	8	1.28
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	6	1.28
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	6	1.28
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	6	1.28
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	7	1.28
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	17	1.28
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	17	1.28
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	17	1.28
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	1	1.28
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	1	1.28
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	1	1.28
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	1	1.28
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	1	1.28
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	1	1.28
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	2	1.28
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	2	1.28
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	2	1.28
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	2	1.28
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	2	1.28
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	2	1.28
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	5	1.28
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	5	1.28
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	5	1.28
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	10	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	10	1.28
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	8	1.28
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	8	1.28
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	14	1.28
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	14	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	1	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	1	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	1	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	3	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	3	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	3	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	7	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	7	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	7	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	14	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	14	1.28
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	14	1.28
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	13	1.28
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	13	1.28
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	6	1.28
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	6	1.28
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	6	1.28
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	11	1.28
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	11	1.28
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	11	1.28
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	16	1.28
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	15	1.28
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	15	1.28
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	15	1.28
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	3	1.28
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	3	1.28
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	3	1.28
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	10	1.28
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	10	1.28
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	10	1.28
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	9	1.28
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	9	1.28
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	9	1.28
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	11	1.28
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	3	1.28
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	3	1.28
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	3	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	10	1.28
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	10	1.28
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	10	1.28
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	12	1.28
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	12	1.28
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	12	1.28
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	17	1.28
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	17	1.28
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	17	1.28
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	7	1.28
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	7	1.28
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	7	1.28
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	16	1.28
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	16	1.28
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	16	1.28
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	5	1.28
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	5	1.28
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	5	1.28
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	5	1.28
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	5	1.28
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	5	1.28
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	8	1.28
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	8	1.28
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	8	1.28
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	14	1.28
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	14	1.28
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	14	1.28
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	11	1.28
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	11	1.28
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	17	1.28
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	17	1.28
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	20	1.28
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	20	1.28
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	10	1.28
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	10	1.28
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	10	1.28
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	10	1.28
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	10	1.28
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	10	1.28
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	7	1.28
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	2	1.28
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	2	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	2	1.28
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	12	1.28
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	12	1.28
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	12	1.28
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	11	1.28
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	1	1.28
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	1	1.28
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	1	1.28
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	17	1.28
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	17	1.28
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	17	1.28
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	7	1.28
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	7	1.28
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	7	1.28
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	9	1.28
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD21	15	1.28
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD22	15	1.28
(1,360)	1:855:A:GLN:HG3	1:896:A:LEU:HD23	15	1.28
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	10	1.28
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	10	1.28
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	10	1.28
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	15	1.28
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	15	1.28
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	15	1.28
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	19	1.28
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	19	1.28
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	19	1.28
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	2	1.28
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	2	1.28
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	2	1.28
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	7	1.28
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	7	1.28
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	7	1.28
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	12	1.28
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	12	1.28
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	12	1.28
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	14	1.28
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	14	1.28
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	14	1.28
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	17	1.28
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	19	1.28
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	18	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG22	13	1.28
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG23	13	1.28
(1,287)	1:814:A:ASN:HA	1:849:A:THR:HG21	13	1.28
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	2	1.28
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	2	1.28
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	4	1.28
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	4	1.28
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	4	1.28
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	7	1.28
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	7	1.28
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	7	1.28
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	6	1.28
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	15	1.28
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	4	1.28
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	4	1.28
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	4	1.28
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	17	1.28
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	17	1.28
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	17	1.28
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	10	1.28
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	10	1.28
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	10	1.28
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	6	1.28
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	13	1.28
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	13	1.28
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	13	1.28
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	12	1.28
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	10	1.28
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	10	1.28
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	10	1.28
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	5	1.28
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	5	1.28
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	5	1.28
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	6	1.28
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	6	1.28
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	6	1.28
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	12	1.28
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	12	1.28
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	12	1.28
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	15	1.28
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	15	1.28
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	12	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	18	1.28
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	18	1.28
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	18	1.28
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	18	1.28
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	18	1.28
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	12	1.28
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	12	1.28
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	12	1.28
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	3	1.28
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	3	1.28
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	3	1.28
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	9	1.28
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	9	1.28
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	9	1.28
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	1	1.28
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	1	1.28
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	1	1.28
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	3	1.28
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	3	1.28
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	3	1.28
(1,84)	1:812:A:ILE:H	1:813:A:ILE:HB	17	1.28
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	8	1.28
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	8	1.28
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	8	1.28
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	10	1.28
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	10	1.28
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	10	1.28
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	20	1.28
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	20	1.28
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	20	1.28
(1,67)	1:812:A:ILE:HG23	1:816:A:LEU:HG	14	1.28
(1,67)	1:812:A:ILE:HG21	1:816:A:LEU:HG	14	1.28
(1,67)	1:812:A:ILE:HG22	1:816:A:LEU:HG	14	1.28
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	12	1.28
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	17	1.28
(1,50)	1:808:A:GLU:HA	1:808:A:GLU:HG2	7	1.28
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	9	1.28
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	9	1.28
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	9	1.28
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	4	1.28
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	4	1.28
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	4	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	4	1.28
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	3	1.28
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	3	1.28
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	10	1.28
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	10	1.28
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD13	19	1.28
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD11	19	1.28
(1,30)	1:801:A:ALA:HA	1:831:A:ILE:HD12	19	1.28
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	18	1.28
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	19	1.28
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	4	1.27
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	4	1.27
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	4	1.27
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	4	1.27
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	19	1.27
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	19	1.27
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	19	1.27
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	19	1.27
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	8	1.27
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	8	1.27
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	4	1.27
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	4	1.27
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	9	1.27
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	9	1.27
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	5	1.27
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	5	1.27
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	13	1.27
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	13	1.27
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	1	1.27
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	1	1.27
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	1	1.27
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	1	1.27
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	1	1.27
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	1	1.27
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	2	1.27
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	2	1.27
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	19	1.27
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	19	1.27
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	1	1.27
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	1	1.27
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	1	1.27
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	1	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	12	1.27
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	12	1.27
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	1	1.27
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	1	1.27
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	16	1.27
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	16	1.27
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	18	1.27
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	18	1.27
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	16	1.27
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	16	1.27
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	10	1.27
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	10	1.27
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	5	1.27
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	5	1.27
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	18	1.27
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	18	1.27
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	4	1.27
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	4	1.27
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	4	1.27
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	4	1.27
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	4	1.27
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	4	1.27
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	15	1.27
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	15	1.27
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	15	1.27
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	15	1.27
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	15	1.27
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	15	1.27
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	20	1.27
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	20	1.27
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	20	1.27
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	20	1.27
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	2	1.27
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	2	1.27
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	18	1.27
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	18	1.27
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	18	1.27
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	18	1.27
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	18	1.27
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	18	1.27
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	17	1.27
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	17	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	2	1.27
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	2	1.27
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	6	1.27
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	6	1.27
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	3	1.27
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	3	1.27
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	3	1.27
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	3	1.27
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	3	1.27
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	3	1.27
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	14	1.27
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	14	1.27
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	18	1.27
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	18	1.27
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	18	1.27
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	18	1.27
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	18	1.27
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	18	1.27
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	14	1.27
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	14	1.27
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	14	1.27
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	14	1.27
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	14	1.27
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	14	1.27
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	2	1.27
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	2	1.27
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	20	1.27
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	20	1.27
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	20	1.27
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	20	1.27
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	5	1.27
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	5	1.27
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	20	1.27
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	20	1.27
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	20	1.27
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	3	1.27
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	3	1.27
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	3	1.27
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	4	1.27
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	4	1.27
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	4	1.27
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	18	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	18	1.27
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	18	1.27
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	19	1.27
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	14	1.27
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	9	1.27
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	16	1.27
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	19	1.27
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	16	1.27
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	16	1.27
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	16	1.27
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	17	1.27
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	2	1.27
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	2	1.27
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	2	1.27
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	7	1.27
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	7	1.27
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	7	1.27
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	18	1.27
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	18	1.27
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	18	1.27
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	5	1.27
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	2	1.27
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	2	1.27
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	2	1.27
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	16	1.27
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	16	1.27
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	16	1.27
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	6	1.27
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	6	1.27
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	6	1.27
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	14	1.27
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	14	1.27
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	14	1.27
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	2	1.27
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	2	1.27
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	2	1.27
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	18	1.27
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	18	1.27
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	18	1.27
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	7	1.27
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	7	1.27
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	16	1.27
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	16	1.27
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	16	1.27
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	13	1.27
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	13	1.27
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	13	1.27
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	11	1.27
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	6	1.27
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	12	1.27
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	5	1.27
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	17	1.27
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	17	1.27
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	17	1.27
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	19	1.27
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	19	1.27
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	19	1.27
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	1	1.27
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	10	1.27
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	18	1.27
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	18	1.27
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	18	1.27
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	3	1.27
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	3	1.27
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	3	1.27
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	8	1.27
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	8	1.27
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	17	1.27
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	17	1.27
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	17	1.27
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	4	1.27
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	4	1.27
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	12	1.27
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	12	1.27
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	13	1.27
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE1	8	1.27
(1,2632)	1:874:A:LEU:HD13	1:875:A:TYR:HE2	8	1.27
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE1	8	1.27
(1,2632)	1:874:A:LEU:HD11	1:875:A:TYR:HE2	8	1.27
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE1	8	1.27
(1,2632)	1:874:A:LEU:HD12	1:875:A:TYR:HE2	8	1.27
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	4	1.27
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	4	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	4	1.27
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	13	1.27
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	13	1.27
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	13	1.27
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	19	1.27
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	19	1.27
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	19	1.27
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	10	1.27
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	10	1.27
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	10	1.27
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	3	1.27
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	3	1.27
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	3	1.27
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	18	1.27
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	18	1.27
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	18	1.27
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	9	1.27
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	9	1.27
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	9	1.27
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	9	1.27
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	9	1.27
(1,2573)	1:912:A:PHE:HE1	1:917:A:ILE:HG12	8	1.27
(1,2573)	1:912:A:PHE:HE2	1:917:A:ILE:HG12	8	1.27
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	5	1.27
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	5	1.27
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	5	1.27
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	13	1.27
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	13	1.27
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	13	1.27
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	19	1.27
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	19	1.27
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	17	1.27
(1,2545)	1:870:A:TYR:HE2	1:920:A:LEU:HB2	8	1.27
(1,2545)	1:870:A:TYR:HE1	1:920:A:LEU:HB2	8	1.27
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	9	1.27
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	9	1.27
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	12	1.27
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	3	1.27
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	9	1.27
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	9	1.27
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	16	1.27
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	16	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	17	1.27
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	17	1.27
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	7	1.27
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	8	1.27
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	8	1.27
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	12	1.27
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	12	1.27
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	17	1.27
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	17	1.27
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	12	1.27
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	12	1.27
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	9	1.27
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	20	1.27
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	18	1.27
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	18	1.27
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	20	1.27
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	20	1.27
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	20	1.27
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	3	1.27
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	3	1.27
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	3	1.27
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	1	1.27
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	1	1.27
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	2	1.27
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	2	1.27
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	11	1.27
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	11	1.27
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	18	1.27
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	18	1.27
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	1	1.27
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	1	1.27
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	1	1.27
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	1	1.27
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	1	1.27
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	1	1.27
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	13	1.27
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	13	1.27
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	2	1.27
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	2	1.27
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	18	1.27
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	18	1.27
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	19	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	19	1.27
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	19	1.27
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	19	1.27
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	19	1.27
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	19	1.27
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	5	1.27
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	5	1.27
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	5	1.27
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	5	1.27
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	5	1.27
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	5	1.27
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	13	1.27
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	13	1.27
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	13	1.27
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	13	1.27
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	13	1.27
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	13	1.27
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	14	1.27
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	14	1.27
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	18	1.27
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	18	1.27
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	18	1.27
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	19	1.27
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	19	1.27
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	19	1.27
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	19	1.27
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	19	1.27
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	18	1.27
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	18	1.27
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	18	1.27
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	6	1.27
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	17	1.27
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	17	1.27
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	17	1.27
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	15	1.27
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	15	1.27
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	18	1.27
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	18	1.27
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	9	1.27
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	9	1.27
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	5	1.27
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	5	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	5	1.27
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	6	1.27
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	6	1.27
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	14	1.27
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	13	1.27
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	13	1.27
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	13	1.27
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	1	1.27
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	17	1.27
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	17	1.27
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	17	1.27
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	7	1.27
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	7	1.27
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	7	1.27
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	14	1.27
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	15	1.27
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	7	1.27
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	3	1.27
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	3	1.27
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	9	1.27
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	9	1.27
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	9	1.27
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	13	1.27
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	5	1.27
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	6	1.27
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	6	1.27
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	20	1.27
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	20	1.27
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	18	1.27
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	18	1.27
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	20	1.27
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	4	1.27
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	4	1.27
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	4	1.27
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	6	1.27
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	18	1.27
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	1	1.27
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	1	1.27
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	1	1.27
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	6	1.27
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	6	1.27
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	6	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	20	1.27
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	20	1.27
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	6	1.27
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	6	1.27
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	7	1.27
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	7	1.27
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	9	1.27
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	9	1.27
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	12	1.27
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	12	1.27
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	15	1.27
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	11	1.27
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	1	1.27
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	1	1.27
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	8	1.27
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	8	1.27
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	9	1.27
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	9	1.27
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	12	1.27
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	12	1.27
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	7	1.27
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	7	1.27
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	7	1.27
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	4	1.27
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	4	1.27
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	4	1.27
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	15	1.27
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	15	1.27
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	15	1.27
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	2	1.27
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	2	1.27
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	2	1.27
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	1	1.27
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	2	1.27
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	3	1.27
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	5	1.27
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	20	1.27
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	5	1.27
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	5	1.27
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	5	1.27
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	6	1.27
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	6	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	6	1.27
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	2	1.27
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	2	1.27
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	2	1.27
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	10	1.27
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	10	1.27
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	10	1.27
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	5	1.27
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	20	1.27
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	11	1.27
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	14	1.27
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	14	1.27
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	14	1.27
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	10	1.27
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	10	1.27
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	1	1.27
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	1	1.27
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	1	1.27
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	2	1.27
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	2	1.27
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	5	1.27
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	5	1.27
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	13	1.27
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	13	1.27
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	20	1.27
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	20	1.27
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	7	1.27
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	3	1.27
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	10	1.27
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	10	1.27
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	19	1.27
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	19	1.27
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	6	1.27
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	6	1.27
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	6	1.27
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	9	1.27
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	9	1.27
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	9	1.27
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	13	1.27
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	8	1.27
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	8	1.27
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	17	1.27
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	7	1.27
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	5	1.27
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	5	1.27
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	3	1.27
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	6	1.27
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	9	1.27
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	20	1.27
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	15	1.27
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	18	1.27
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	18	1.27
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	18	1.27
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	2	1.27
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	17	1.27
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	1	1.27
(1,1366)	1:849:A:THR:HG22	1:850:A:PHE:H	20	1.27
(1,1366)	1:849:A:THR:HG23	1:850:A:PHE:H	20	1.27
(1,1366)	1:849:A:THR:HG21	1:850:A:PHE:H	20	1.27
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	7	1.27
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	7	1.27
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	7	1.27
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	16	1.27
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	16	1.27
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	16	1.27
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	7	1.27
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	7	1.27
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	7	1.27
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	4	1.27
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	4	1.27
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	4	1.27
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	11	1.27
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	11	1.27
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	11	1.27
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	9	1.27
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	6	1.27
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	6	1.27
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	17	1.27
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	17	1.27
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	9	1.27
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	9	1.27
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	4	1.27
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	6	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	9	1.27
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	9	1.27
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	16	1.27
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	2	1.27
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	4	1.27
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	6	1.27
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	9	1.27
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	19	1.27
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	3	1.27
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	6	1.27
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	4	1.27
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	4	1.27
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	4	1.27
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	16	1.27
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	17	1.27
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	9	1.27
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	7	1.27
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	7	1.27
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	7	1.27
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	8	1.27
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	8	1.27
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	8	1.27
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	2	1.27
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	2	1.27
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	2	1.27
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	6	1.27
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	6	1.27
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	6	1.27
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	12	1.27
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	12	1.27
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	12	1.27
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	16	1.27
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	16	1.27
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	16	1.27
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	20	1.27
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	20	1.27
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	18	1.27
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	18	1.27
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	6	1.27
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	6	1.27
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	6	1.27
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	17	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	17	1.27
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	17	1.27
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	5	1.27
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	5	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	2	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	2	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	6	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	6	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	10	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	10	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	17	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	17	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	19	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	19	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	20	1.27
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	20	1.27
(1,977)	1:806:A:ALA:HB1	1:808:A:GLU:H	10	1.27
(1,977)	1:806:A:ALA:HB2	1:808:A:GLU:H	10	1.27
(1,977)	1:806:A:ALA:HB3	1:808:A:GLU:H	10	1.27
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	4	1.27
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	4	1.27
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	14	1.27
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	14	1.27
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	15	1.27
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	15	1.27
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	4	1.27
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	15	1.27
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	17	1.27
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	7	1.27
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	2	1.27
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	2	1.27
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	9	1.27
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	11	1.27
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	11	1.27
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	11	1.27
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	19	1.27
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	19	1.27
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	19	1.27
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	6	1.27
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	6	1.27
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	6	1.27
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	18	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	18	1.27
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	18	1.27
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	18	1.27
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	18	1.27
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	18	1.27
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	10	1.27
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	10	1.27
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	3	1.27
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	3	1.27
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	3	1.27
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	1	1.27
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	1	1.27
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	16	1.27
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	16	1.27
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	16	1.27
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	19	1.27
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	19	1.27
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	19	1.27
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD11	17	1.27
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD12	17	1.27
(1,774)	1:901:A:PHE:H	1:926:A:LEU:HD13	17	1.27
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	18	1.27
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	18	1.27
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	18	1.27
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	18	1.27
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	18	1.27
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	18	1.27
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	16	1.27
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	16	1.27
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	16	1.27
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG21	6	1.27
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG22	6	1.27
(1,747)	1:917:A:ILE:HA	1:917:A:ILE:HG23	6	1.27
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	10	1.27
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	10	1.27
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	10	1.27
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	14	1.27
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	4	1.27
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	4	1.27
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	12	1.27
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	12	1.27
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	12	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	11	1.27
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	11	1.27
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	11	1.27
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	19	1.27
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	19	1.27
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	19	1.27
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	12	1.27
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	12	1.27
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	12	1.27
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	11	1.27
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	11	1.27
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	11	1.27
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	17	1.27
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	17	1.27
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	17	1.27
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	16	1.27
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	11	1.27
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	3	1.27
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	3	1.27
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	3	1.27
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	15	1.27
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	15	1.27
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	15	1.27
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	1	1.27
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	1	1.27
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	1	1.27
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	6	1.27
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	6	1.27
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	6	1.27
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD12	9	1.27
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD13	9	1.27
(1,564)	1:885:A:MET:HG2	1:886:A:LEU:HD11	9	1.27
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	2	1.27
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	2	1.27
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	2	1.27
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	20	1.27
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	16	1.27
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	16	1.27
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	16	1.27
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	2	1.27
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	10	1.27
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	10	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG2	15	1.27
(1,503)	1:878:A:LYS:HA	1:878:A:LYS:HG3	15	1.27
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	14	1.27
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	14	1.27
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	14	1.27
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	14	1.27
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	14	1.27
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	14	1.27
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	17	1.27
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	17	1.27
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	17	1.27
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	12	1.27
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	9	1.27
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	15	1.27
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	15	1.27
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	15	1.27
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	2	1.27
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	2	1.27
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	2	1.27
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	5	1.27
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	5	1.27
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	5	1.27
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	8	1.27
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	8	1.27
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	8	1.27
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	6	1.27
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	6	1.27
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	6	1.27
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	8	1.27
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	8	1.27
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	8	1.27
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	13	1.27
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	13	1.27
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	13	1.27
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	14	1.27
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	14	1.27
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	14	1.27
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	17	1.27
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	17	1.27
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	17	1.27
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	19	1.27
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	19	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	19	1.27
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	12	1.27
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	12	1.27
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	12	1.27
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	6	1.27
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	6	1.27
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	6	1.27
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	7	1.27
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	7	1.27
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	7	1.27
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	19	1.27
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	4	1.27
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	4	1.27
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	4	1.27
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	9	1.27
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	9	1.27
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	9	1.27
(1,245)	1:837:A:LEU:HA	1:840:A:PHE:HB2	4	1.27
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	7	1.27
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	7	1.27
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	7	1.27
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	7	1.27
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	7	1.27
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	7	1.27
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	17	1.27
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	17	1.27
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	17	1.27
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	18	1.27
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	18	1.27
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	18	1.27
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	16	1.27
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	16	1.27
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	16	1.27
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	8	1.27
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	8	1.27
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	8	1.27
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	15	1.27
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	15	1.27
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	15	1.27
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	16	1.27
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	16	1.27
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	16	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	16	1.27
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	16	1.27
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	16	1.27
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	2	1.27
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	2	1.27
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	2	1.27
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	9	1.27
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	9	1.27
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	9	1.27
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	2	1.27
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	2	1.27
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	2	1.27
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	9	1.27
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	9	1.27
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	9	1.27
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD11	10	1.27
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD12	10	1.27
(1,99)	1:809:A:PHE:HE2	1:813:A:ILE:HD13	10	1.27
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD11	10	1.27
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD12	10	1.27
(1,99)	1:809:A:PHE:HE1	1:813:A:ILE:HD13	10	1.27
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	8	1.27
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	8	1.27
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	8	1.27
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	18	1.27
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	18	1.27
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	18	1.27
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	1	1.27
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	1	1.27
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	1	1.27
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	3	1.27
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	3	1.27
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	3	1.27
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	15	1.27
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	15	1.27
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	15	1.27
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	11	1.27
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	11	1.27
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	11	1.27
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	20	1.27
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	20	1.27
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	20	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	13	1.27
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	2	1.27
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	2	1.27
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	2	1.27
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	16	1.27
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	16	1.27
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	4	1.27
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	4	1.27
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	4	1.27
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	17	1.27
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	17	1.27
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	17	1.27
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	10	1.26
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	10	1.26
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	10	1.26
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	10	1.26
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	16	1.26
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	16	1.26
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	3	1.26
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	3	1.26
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	5	1.26
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	5	1.26
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	1	1.26
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	1	1.26
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	20	1.26
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	20	1.26
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	4	1.26
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	4	1.26
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	19	1.26
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	19	1.26
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	20	1.26
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	20	1.26
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	3	1.26
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	3	1.26
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	18	1.26
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	18	1.26
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	6	1.26
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	6	1.26
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	12	1.26
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	12	1.26
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	2	1.26
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	2	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	12	1.26
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	12	1.26
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	20	1.26
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	20	1.26
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	6	1.26
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	6	1.26
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	8	1.26
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	8	1.26
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	10	1.26
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	10	1.26
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	9	1.26
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	9	1.26
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	12	1.26
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	12	1.26
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	16	1.26
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	16	1.26
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	17	1.26
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	17	1.26
(1,3167)	1:847:A:GLY:HA2	1:850:A:PHE:H	15	1.26
(1,3167)	1:847:A:GLY:HA3	1:850:A:PHE:H	15	1.26
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	20	1.26
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	20	1.26
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	11	1.26
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	11	1.26
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	11	1.26
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	11	1.26
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	5	1.26
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	5	1.26
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	3	1.26
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	3	1.26
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	17	1.26
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	17	1.26
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	10	1.26
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	10	1.26
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	17	1.26
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	17	1.26
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	16	1.26
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	16	1.26
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	17	1.26
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	17	1.26
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	1	1.26
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	1	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	7	1.26
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	7	1.26
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	15	1.26
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	15	1.26
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	6	1.26
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	6	1.26
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	6	1.26
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	6	1.26
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	6	1.26
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	6	1.26
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	6	1.26
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	6	1.26
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	7	1.26
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	7	1.26
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	16	1.26
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	16	1.26
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	20	1.26
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	20	1.26
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	17	1.26
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	17	1.26
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	17	1.26
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	19	1.26
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	19	1.26
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	19	1.26
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	14	1.26
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	14	1.26
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	14	1.26
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	18	1.26
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	18	1.26
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	18	1.26
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	11	1.26
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	14	1.26
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	14	1.26
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	14	1.26
(1,2854)	1:852:A:LEU:HD12	1:855:A:GLN:HB2	1	1.26
(1,2854)	1:852:A:LEU:HD13	1:855:A:GLN:HB2	1	1.26
(1,2854)	1:852:A:LEU:HD11	1:855:A:GLN:HB2	1	1.26
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	18	1.26
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	18	1.26
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	18	1.26
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	8	1.26
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	1	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	1	1.26
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	1	1.26
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	14	1.26
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	14	1.26
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	14	1.26
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	17	1.26
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	17	1.26
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	17	1.26
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	9	1.26
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	9	1.26
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	9	1.26
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	15	1.26
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	15	1.26
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	15	1.26
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	1	1.26
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	1	1.26
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	1	1.26
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	18	1.26
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	18	1.26
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	18	1.26
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	13	1.26
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	13	1.26
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	13	1.26
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	12	1.26
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	15	1.26
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	15	1.26
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	9	1.26
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	10	1.26
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	2	1.26
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	3	1.26
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	13	1.26
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	10	1.26
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	10	1.26
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	10	1.26
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	8	1.26
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	8	1.26
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	8	1.26
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	2	1.26
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	2	1.26
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	2	1.26
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	12	1.26
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	10	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	10	1.26
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	3	1.26
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	3	1.26
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	3	1.26
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	9	1.26
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	9	1.26
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	9	1.26
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	1	1.26
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	1	1.26
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	1	1.26
(1,2604)	1:845:A:LEU:HD11	1:846:A:GLU:H	4	1.26
(1,2604)	1:845:A:LEU:HD12	1:846:A:GLU:H	4	1.26
(1,2604)	1:845:A:LEU:HD13	1:846:A:GLU:H	4	1.26
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	1	1.26
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	1	1.26
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	17	1.26
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	17	1.26
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	4	1.26
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	4	1.26
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	7	1.26
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	7	1.26
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	7	1.26
(1,2517)	1:852:A:LEU:HB2	1:853:A:LEU:H	5	1.26
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	12	1.26
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	15	1.26
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	15	1.26
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	15	1.26
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	15	1.26
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	20	1.26
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	20	1.26
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	10	1.26
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	10	1.26
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	8	1.26
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	8	1.26
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	15	1.26
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	17	1.26
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	12	1.26
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	12	1.26
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	2	1.26
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	2	1.26
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	19	1.26
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	10	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	10	1.26
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	10	1.26
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	13	1.26
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	13	1.26
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	13	1.26
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	13	1.26
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	13	1.26
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	13	1.26
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG21	17	1.26
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG22	17	1.26
(1,2372)	1:901:A:PHE:HD2	1:917:A:ILE:HG23	17	1.26
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG21	17	1.26
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG22	17	1.26
(1,2372)	1:901:A:PHE:HD1	1:917:A:ILE:HG23	17	1.26
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE1	17	1.26
(1,2354)	1:866:A:PRO:HB2	1:912:A:PHE:HE2	17	1.26
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	20	1.26
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	20	1.26
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	8	1.26
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	8	1.26
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	8	1.26
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	8	1.26
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	8	1.26
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	8	1.26
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	15	1.26
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	15	1.26
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	3	1.26
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	3	1.26
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	17	1.26
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	17	1.26
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG21	9	1.26
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG22	9	1.26
(1,2300)	1:901:A:PHE:HE2	1:917:A:ILE:HG23	9	1.26
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG21	9	1.26
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG22	9	1.26
(1,2300)	1:901:A:PHE:HE1	1:917:A:ILE:HG23	9	1.26
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	15	1.26
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	15	1.26
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	18	1.26
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	18	1.26
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	18	1.26
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	18	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	18	1.26
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	18	1.26
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	6	1.26
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	6	1.26
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	6	1.26
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	3	1.26
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	3	1.26
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	3	1.26
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	12	1.26
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	12	1.26
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	12	1.26
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	13	1.26
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	13	1.26
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	13	1.26
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	2	1.26
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	2	1.26
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	4	1.26
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	4	1.26
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	2	1.26
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	2	1.26
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	2	1.26
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG2	8	1.26
(1,2169)	1:922:A:ARG:H	1:922:A:ARG:HG3	8	1.26
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	11	1.26
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	11	1.26
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	5	1.26
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	6	1.26
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	6	1.26
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	6	1.26
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	3	1.26
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	3	1.26
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	3	1.26
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	5	1.26
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	5	1.26
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	5	1.26
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	15	1.26
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	15	1.26
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	15	1.26
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	4	1.26
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	2	1.26
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	20	1.26
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	20	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	20	1.26
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	10	1.26
(1,1926)	1:900:A:LEU:H	1:900:A:LEU:HB2	14	1.26
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	8	1.26
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	8	1.26
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	10	1.26
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	13	1.26
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	5	1.26
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	5	1.26
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	5	1.26
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	3	1.26
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	3	1.26
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	3	1.26
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	3	1.26
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	3	1.26
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	14	1.26
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	14	1.26
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	14	1.26
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	11	1.26
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	11	1.26
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	20	1.26
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	20	1.26
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	7	1.26
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	13	1.26
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	5	1.26
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	5	1.26
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	7	1.26
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	7	1.26
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	4	1.26
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	4	1.26
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	4	1.26
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	20	1.26
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	20	1.26
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	20	1.26
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	1	1.26
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	1	1.26
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	1	1.26
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	6	1.26
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	11	1.26
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	13	1.26
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	17	1.26
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	17	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	17	1.26
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	10	1.26
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	10	1.26
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	10	1.26
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	5	1.26
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	5	1.26
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	5	1.26
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	11	1.26
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	11	1.26
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	11	1.26
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	15	1.26
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	15	1.26
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	15	1.26
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	3	1.26
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	3	1.26
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	1	1.26
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	8	1.26
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	3	1.26
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	3	1.26
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	4	1.26
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	4	1.26
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	9	1.26
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	9	1.26
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	19	1.26
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	19	1.26
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	17	1.26
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	17	1.26
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	18	1.26
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	18	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	6	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	6	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	9	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	9	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	12	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	12	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	14	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	14	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	15	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	15	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	16	1.26
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	16	1.26
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	6	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	6	1.26
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	1	1.26
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	1	1.26
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	11	1.26
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	11	1.26
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	4	1.26
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	4	1.26
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	14	1.26
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	14	1.26
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	16	1.26
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	16	1.26
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	20	1.26
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	20	1.26
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	9	1.26
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	17	1.26
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	3	1.26
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	12	1.26
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	12	1.26
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	12	1.26
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	19	1.26
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	19	1.26
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	19	1.26
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	7	1.26
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	12	1.26
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	1	1.26
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	19	1.26
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	19	1.26
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	4	1.26
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	4	1.26
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	4	1.26
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	7	1.26
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	7	1.26
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	7	1.26
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	7	1.26
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	7	1.26
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	18	1.26
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	19	1.26
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	6	1.26
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	16	1.26
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	20	1.26
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	15	1.26
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	15	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	4	1.26
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	10	1.26
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	15	1.26
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	13	1.26
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	13	1.26
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	15	1.26
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	15	1.26
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	15	1.26
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	15	1.26
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	15	1.26
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	15	1.26
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	9	1.26
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	9	1.26
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	9	1.26
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	4	1.26
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	4	1.26
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	7	1.26
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	7	1.26
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	18	1.26
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	18	1.26
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	1	1.26
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	4	1.26
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	10	1.26
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	3	1.26
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	3	1.26
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	3	1.26
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	2	1.26
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	8	1.26
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	9	1.26
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	20	1.26
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	20	1.26
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	20	1.26
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	7	1.26
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	15	1.26
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	15	1.26
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	15	1.26
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	8	1.26
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	8	1.26
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	8	1.26
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	16	1.26
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	16	1.26
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	20	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	20	1.26
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	11	1.26
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	18	1.26
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	3	1.26
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	3	1.26
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	20	1.26
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	11	1.26
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	11	1.26
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	11	1.26
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	16	1.26
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	16	1.26
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	16	1.26
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	15	1.26
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	15	1.26
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	15	1.26
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	18	1.26
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	18	1.26
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	18	1.26
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	15	1.26
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	1	1.26
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	1	1.26
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	9	1.26
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	9	1.26
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	7	1.26
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	13	1.26
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	13	1.26
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	2	1.26
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	17	1.26
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	17	1.26
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	17	1.26
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	7	1.26
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	7	1.26
(1,953)	1:805:A:ASN:HB2	1:806:A:ALA:H	9	1.26
(1,953)	1:805:A:ASN:HB3	1:806:A:ALA:H	9	1.26
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	12	1.26
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	1	1.26
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	1	1.26
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	12	1.26
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	14	1.26
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	13	1.26
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	13	1.26
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	5	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	5	1.26
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	3	1.26
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	3	1.26
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	13	1.26
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	13	1.26
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	13	1.26
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	7	1.26
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	7	1.26
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	2	1.26
(1,794)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	2	1.26
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	2	1.26
(1,794)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	2	1.26
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	5	1.26
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	5	1.26
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	1	1.26
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	1	1.26
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	1	1.26
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	18	1.26
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	18	1.26
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	18	1.26
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	18	1.26
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	18	1.26
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	18	1.26
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	14	1.26
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	14	1.26
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	14	1.26
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	18	1.26
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	18	1.26
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	18	1.26
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	14	1.26
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	14	1.26
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	14	1.26
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	3	1.26
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	3	1.26
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	11	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	1	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	1	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	1	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	8	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	8	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	8	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	13	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	13	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	13	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	14	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	14	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	14	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	15	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	15	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	15	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	18	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	18	1.26
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	18	1.26
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	19	1.26
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	4	1.26
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	4	1.26
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	4	1.26
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	13	1.26
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	6	1.26
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	6	1.26
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	6	1.26
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	4	1.26
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	12	1.26
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	12	1.26
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	12	1.26
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	17	1.26
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	17	1.26
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	17	1.26
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	7	1.26
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	7	1.26
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	7	1.26
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	7	1.26
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	7	1.26
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	7	1.26
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	11	1.26
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	11	1.26
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	11	1.26
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	11	1.26
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	11	1.26
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	11	1.26
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	18	1.26
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	18	1.26
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	18	1.26
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	18	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	18	1.26
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	18	1.26
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	7	1.26
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	7	1.26
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	7	1.26
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	12	1.26
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	12	1.26
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	12	1.26
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	4	1.26
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	4	1.26
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	4	1.26
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	18	1.26
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	11	1.26
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	11	1.26
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	7	1.26
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	7	1.26
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	7	1.26
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	10	1.26
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	10	1.26
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	10	1.26
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	3	1.26
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	3	1.26
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	3	1.26
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	12	1.26
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	12	1.26
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	12	1.26
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	16	1.26
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	18	1.26
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	2	1.26
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	2	1.26
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	2	1.26
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	2	1.26
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	11	1.26
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	13	1.26
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	9	1.26
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	9	1.26
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	9	1.26
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	1	1.26
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	1	1.26
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	1	1.26
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	11	1.26
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	11	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	11	1.26
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	13	1.26
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	13	1.26
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	13	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	1	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	1	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	1	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	4	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	4	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	4	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	5	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	5	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	5	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	6	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	6	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	6	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	7	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	7	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	7	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	9	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	9	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	9	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	13	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	13	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	13	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	14	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	14	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	14	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	16	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	16	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	16	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	19	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	19	1.26
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	19	1.26
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	1	1.26
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	1	1.26
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	1	1.26
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	5	1.26
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	5	1.26
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	5	1.26
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	10	1.26
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	10	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	10	1.26
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	17	1.26
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	17	1.26
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	17	1.26
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	20	1.26
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	20	1.26
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	20	1.26
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	18	1.26
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	18	1.26
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	15	1.26
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	17	1.26
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	17	1.26
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	17	1.26
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	17	1.26
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	19	1.26
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	19	1.26
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	19	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	4	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	4	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	4	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	5	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	5	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	5	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	12	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	12	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	12	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	17	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	17	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	17	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	20	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	20	1.26
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	20	1.26
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD11	3	1.26
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD12	3	1.26
(1,173)	1:828:A:LEU:HA	1:828:A:LEU:HD13	3	1.26
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	6	1.26
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	12	1.26
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	11	1.26
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	11	1.26
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	11	1.26
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	13	1.26
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	13	1.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	13	1.26
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	4	1.26
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	5	1.26
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	2	1.26
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	11	1.26
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	11	1.26
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	11	1.26
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	6	1.26
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	6	1.26
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	6	1.26
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	11	1.26
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	11	1.26
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	11	1.26
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	5	1.26
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	5	1.26
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	5	1.26
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	17	1.26
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	17	1.26
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	17	1.26
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	17	1.26
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	17	1.26
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	1	1.26
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	1	1.26
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	1	1.26
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	1	1.26
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	18	1.26
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	18	1.26
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	18	1.26
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	18	1.26
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	17	1.26
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	17	1.26
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	17	1.26
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	17	1.26
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	17	1.26
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	17	1.26
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	5	1.25
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	5	1.25
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	10	1.25
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	10	1.25
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	8	1.25
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	8	1.25
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	13	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	13	1.25
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	1	1.25
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	1	1.25
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	17	1.25
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	17	1.25
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	12	1.25
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	12	1.25
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	17	1.25
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	17	1.25
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	12	1.25
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	12	1.25
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	12	1.25
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	12	1.25
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE2	20	1.25
(1,3309)	1:883:A:LYS:H	1:883:A:LYS:HE3	20	1.25
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	3	1.25
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	3	1.25
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	3	1.25
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	3	1.25
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	5	1.25
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	5	1.25
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	5	1.25
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	5	1.25
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	5	1.25
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	5	1.25
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	19	1.25
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	19	1.25
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	5	1.25
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	5	1.25
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	3	1.25
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	3	1.25
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	14	1.25
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	14	1.25
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	1	1.25
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	1	1.25
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	9	1.25
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	9	1.25
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	9	1.25
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	9	1.25
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	2	1.25
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	2	1.25
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	4	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	4	1.25
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	13	1.25
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	13	1.25
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	17	1.25
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	17	1.25
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	11	1.25
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	11	1.25
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	13	1.25
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	13	1.25
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	14	1.25
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	14	1.25
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	20	1.25
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	20	1.25
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	16	1.25
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	16	1.25
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	3	1.25
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	3	1.25
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	4	1.25
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	4	1.25
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	9	1.25
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	9	1.25
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	13	1.25
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	13	1.25
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	12	1.25
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	12	1.25
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	17	1.25
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	17	1.25
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	17	1.25
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	17	1.25
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	19	1.25
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	19	1.25
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	16	1.25
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	16	1.25
(1,3041)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	16	1.25
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD23	16	1.25
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD21	16	1.25
(1,3041)	1:803:A:PRO:HG3	1:828:A:LEU:HD22	16	1.25
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	11	1.25
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	11	1.25
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	12	1.25
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	12	1.25
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	13	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	13	1.25
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	13	1.25
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	19	1.25
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	19	1.25
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	19	1.25
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	20	1.25
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	20	1.25
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	20	1.25
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	10	1.25
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	10	1.25
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	10	1.25
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	6	1.25
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	6	1.25
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	14	1.25
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	16	1.25
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	2	1.25
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	2	1.25
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	15	1.25
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	15	1.25
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	11	1.25
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	11	1.25
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	3	1.25
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	3	1.25
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	3	1.25
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	2	1.25
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	2	1.25
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	2	1.25
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	14	1.25
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	14	1.25
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	14	1.25
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	8	1.25
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	8	1.25
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	8	1.25
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	10	1.25
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	10	1.25
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	13	1.25
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	13	1.25
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	13	1.25
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	3	1.25
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	3	1.25
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	3	1.25
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	19	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	19	1.25
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	19	1.25
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	16	1.25
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	16	1.25
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	6	1.25
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	6	1.25
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	6	1.25
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	4	1.25
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	4	1.25
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	4	1.25
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	11	1.25
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	11	1.25
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	11	1.25
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	9	1.25
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	1	1.25
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	1	1.25
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	1	1.25
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	3	1.25
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	3	1.25
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	3	1.25
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	6	1.25
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	6	1.25
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	6	1.25
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	4	1.25
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	10	1.25
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	17	1.25
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	14	1.25
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	6	1.25
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	19	1.25
(1,2710)	1:811:A:GLN:HA	1:814:A:ASN:HB2	7	1.25
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	3	1.25
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	3	1.25
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	3	1.25
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	4	1.25
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	4	1.25
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	4	1.25
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	14	1.25
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	14	1.25
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	14	1.25
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	12	1.25
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	11	1.25
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	11	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	11	1.25
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	15	1.25
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	20	1.25
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	8	1.25
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	8	1.25
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	6	1.25
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	6	1.25
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	2	1.25
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	2	1.25
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	20	1.25
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	20	1.25
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	20	1.25
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	2	1.25
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	4	1.25
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	4	1.25
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	15	1.25
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	15	1.25
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	7	1.25
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	7	1.25
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	2	1.25
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	2	1.25
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	15	1.25
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	15	1.25
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	19	1.25
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	19	1.25
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	18	1.25
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	18	1.25
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	10	1.25
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	10	1.25
(1,2495)	1:902:A:GLU:HB2	1:904:A:LEU:H	9	1.25
(1,2495)	1:902:A:GLU:HB3	1:904:A:LEU:H	9	1.25
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	3	1.25
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	3	1.25
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	4	1.25
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	4	1.25
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	4	1.25
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	4	1.25
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	20	1.25
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	20	1.25
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	20	1.25
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	20	1.25
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	4	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	4	1.25
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	18	1.25
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	18	1.25
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	18	1.25
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	18	1.25
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	18	1.25
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	18	1.25
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	13	1.25
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	13	1.25
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	13	1.25
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	13	1.25
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	13	1.25
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	13	1.25
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	11	1.25
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	11	1.25
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	19	1.25
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	19	1.25
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	7	1.25
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	7	1.25
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	14	1.25
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	14	1.25
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	14	1.25
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	5	1.25
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	8	1.25
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	8	1.25
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	8	1.25
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	10	1.25
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	10	1.25
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	10	1.25
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	18	1.25
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	4	1.25
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	4	1.25
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	13	1.25
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	13	1.25
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	17	1.25
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	7	1.25
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	7	1.25
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	7	1.25
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	18	1.25
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	18	1.25
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	18	1.25
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	5	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	5	1.25
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	3	1.25
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	3	1.25
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	3	1.25
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	16	1.25
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	16	1.25
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	16	1.25
(1,2103)	1:918:A:GLN:H	1:918:A:GLN:HG2	5	1.25
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	14	1.25
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	14	1.25
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	14	1.25
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	14	1.25
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	4	1.25
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	19	1.25
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	19	1.25
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	19	1.25
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	11	1.25
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	11	1.25
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	11	1.25
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	10	1.25
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	10	1.25
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	10	1.25
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	16	1.25
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	16	1.25
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	16	1.25
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	7	1.25
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	7	1.25
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	16	1.25
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	16	1.25
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	10	1.25
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	10	1.25
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	14	1.25
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	14	1.25
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	14	1.25
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	4	1.25
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	4	1.25
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	7	1.25
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	7	1.25
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	2	1.25
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	2	1.25
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	3	1.25
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	3	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	3	1.25
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD11	7	1.25
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD12	7	1.25
(1,1800)	1:887:A:THR:H	1:888:A:LEU:HD13	7	1.25
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	16	1.25
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	19	1.25
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	1	1.25
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	1	1.25
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	15	1.25
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	15	1.25
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	12	1.25
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	13	1.25
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	13	1.25
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	2	1.25
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	15	1.25
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	15	1.25
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	15	1.25
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	1	1.25
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	1	1.25
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	1	1.25
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	13	1.25
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	13	1.25
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	13	1.25
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	18	1.25
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	18	1.25
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	18	1.25
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	1	1.25
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	1	1.25
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	1	1.25
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	9	1.25
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	4	1.25
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	4	1.25
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	19	1.25
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	19	1.25
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	10	1.25
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	10	1.25
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	10	1.25
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	7	1.25
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	7	1.25
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	7	1.25
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	2	1.25
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	2	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	2	1.25
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	17	1.25
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	17	1.25
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	17	1.25
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	6	1.25
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	6	1.25
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	6	1.25
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	2	1.25
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	2	1.25
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	6	1.25
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	6	1.25
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	12	1.25
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	9	1.25
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	10	1.25
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	18	1.25
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	19	1.25
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	3	1.25
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	3	1.25
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	3	1.25
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	4	1.25
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	4	1.25
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	4	1.25
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	6	1.25
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	6	1.25
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	6	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	1	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	1	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	2	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	2	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	7	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	7	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	12	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	12	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	14	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	14	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	15	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	15	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	16	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	16	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	17	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	17	1.25
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	20	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	20	1.25
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	2	1.25
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	2	1.25
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	2	1.25
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	11	1.25
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	11	1.25
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	11	1.25
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	18	1.25
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	18	1.25
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	18	1.25
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	8	1.25
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	8	1.25
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	19	1.25
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	19	1.25
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	14	1.25
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	14	1.25
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	13	1.25
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	16	1.25
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	19	1.25
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	19	1.25
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	10	1.25
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	19	1.25
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	17	1.25
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	20	1.25
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	18	1.25
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	18	1.25
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	18	1.25
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	6	1.25
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	11	1.25
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	16	1.25
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	16	1.25
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	16	1.25
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	20	1.25
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	20	1.25
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	20	1.25
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	4	1.25
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	7	1.25
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	17	1.25
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	11	1.25
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	11	1.25
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	11	1.25
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	2	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	2	1.25
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	13	1.25
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	2	1.25
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	2	1.25
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	7	1.25
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	18	1.25
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	5	1.25
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	8	1.25
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	14	1.25
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	7	1.25
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	7	1.25
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	16	1.25
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	16	1.25
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	16	1.25
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	5	1.25
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	5	1.25
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	5	1.25
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	6	1.25
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	6	1.25
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	6	1.25
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	18	1.25
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	18	1.25
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	18	1.25
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	6	1.25
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	6	1.25
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	11	1.25
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	17	1.25
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	2	1.25
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	2	1.25
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD11	7	1.25
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD12	7	1.25
(1,1330)	1:847:A:GLY:H	1:888:A:LEU:HD13	7	1.25
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	11	1.25
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	11	1.25
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	11	1.25
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	15	1.25
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	15	1.25
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	9	1.25
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	9	1.25
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	5	1.25
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	5	1.25
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	5	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	6	1.25
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	6	1.25
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	6	1.25
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	14	1.25
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	14	1.25
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	14	1.25
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	5	1.25
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	13	1.25
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	15	1.25
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	1	1.25
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	1	1.25
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	1	1.25
(1,1265)	1:836:A:ASP:H	1:836:A:ASP:HB2	8	1.25
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	1	1.25
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	9	1.25
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	9	1.25
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	9	1.25
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	12	1.25
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	12	1.25
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	12	1.25
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	14	1.25
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	14	1.25
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	14	1.25
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	20	1.25
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	20	1.25
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	20	1.25
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	11	1.25
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	11	1.25
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	11	1.25
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	11	1.25
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	11	1.25
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	11	1.25
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	4	1.25
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	8	1.25
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	13	1.25
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	13	1.25
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	13	1.25
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	13	1.25
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	13	1.25
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	13	1.25
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	3	1.25
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	3	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	16	1.25
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	16	1.25
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	2	1.25
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	6	1.25
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	6	1.25
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	6	1.25
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	2	1.25
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	7	1.25
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	7	1.25
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	7	1.25
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	9	1.25
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	9	1.25
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	9	1.25
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	13	1.25
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	13	1.25
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	13	1.25
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	18	1.25
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	16	1.25
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	16	1.25
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	10	1.25
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	10	1.25
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	7	1.25
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	13	1.25
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	1	1.25
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	8	1.25
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	11	1.25
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	15	1.25
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	5	1.25
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	5	1.25
(1,910)	1:800:A:ILE:HG22	1:802:A:LYS:H	8	1.25
(1,910)	1:800:A:ILE:HG23	1:802:A:LYS:H	8	1.25
(1,910)	1:800:A:ILE:HG21	1:802:A:LYS:H	8	1.25
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	5	1.25
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	5	1.25
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	5	1.25
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	14	1.25
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	16	1.25
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	16	1.25
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	10	1.25
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	10	1.25
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	10	1.25
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	5	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	5	1.25
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	5	1.25
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	10	1.25
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	10	1.25
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	10	1.25
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	3	1.25
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	3	1.25
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	3	1.25
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	12	1.25
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	12	1.25
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	15	1.25
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	15	1.25
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	17	1.25
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	17	1.25
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	19	1.25
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	1	1.25
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	1	1.25
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	1	1.25
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	9	1.25
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	9	1.25
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	11	1.25
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	11	1.25
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	11	1.25
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	3	1.25
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	3	1.25
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	3	1.25
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	13	1.25
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	13	1.25
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	13	1.25
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	20	1.25
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	20	1.25
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	20	1.25
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	7	1.25
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	7	1.25
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	7	1.25
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	1	1.25
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	1	1.25
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	2	1.25
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	2	1.25
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	9	1.25
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	9	1.25
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	9	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	9	1.25
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	9	1.25
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	9	1.25
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	17	1.25
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	17	1.25
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	1	1.25
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	1	1.25
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	1	1.25
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	2	1.25
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	2	1.25
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	2	1.25
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	9	1.25
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	9	1.25
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	9	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	2	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	2	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	2	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	3	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	3	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	3	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	4	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	4	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	4	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	5	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	5	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	5	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	6	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	6	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	6	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	7	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	7	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	7	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	9	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	9	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	9	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	10	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	10	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	10	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	11	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	11	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	11	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	12	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	12	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	12	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	16	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	16	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	16	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	17	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	17	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	17	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	19	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	19	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	19	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD23	20	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD21	20	1.25
(1,692)	1:900:A:LEU:HB2	1:900:A:LEU:HD22	20	1.25
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	2	1.25
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	2	1.25
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	2	1.25
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	14	1.25
(1,616)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	14	1.25
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	20	1.25
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	20	1.25
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	20	1.25
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	20	1.25
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	20	1.25
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	20	1.25
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	9	1.25
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	9	1.25
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	9	1.25
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD11	15	1.25
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD12	15	1.25
(1,586)	1:888:A:LEU:HB2	1:888:A:LEU:HD13	15	1.25
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	8	1.25
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	8	1.25
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	8	1.25
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	4	1.25
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	4	1.25
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	4	1.25
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	11	1.25
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	11	1.25
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	11	1.25
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	16	1.25
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	8	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	8	1.25
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	9	1.25
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	9	1.25
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	9	1.25
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	9	1.25
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	9	1.25
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	9	1.25
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	4	1.25
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	16	1.25
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	1	1.25
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	1	1.25
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	1	1.25
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	5	1.25
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	5	1.25
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	5	1.25
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	9	1.25
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	9	1.25
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	9	1.25
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	4	1.25
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	15	1.25
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	15	1.25
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	15	1.25
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	3	1.25
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	3	1.25
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	3	1.25
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	4	1.25
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	4	1.25
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	4	1.25
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	14	1.25
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	14	1.25
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	14	1.25
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	15	1.25
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	15	1.25
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	15	1.25
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	17	1.25
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	20	1.25
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	20	1.25
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	20	1.25
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	3	1.25
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	3	1.25
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	3	1.25
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	10	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	10	1.25
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	10	1.25
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	17	1.25
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	17	1.25
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	17	1.25
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	20	1.25
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	20	1.25
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	20	1.25
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	16	1.25
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	16	1.25
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	16	1.25
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	17	1.25
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	17	1.25
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	17	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	8	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	8	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	8	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	10	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	10	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	10	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	11	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	11	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	11	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	17	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	17	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	17	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	18	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	18	1.25
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	18	1.25
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	17	1.25
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	17	1.25
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	17	1.25
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	1	1.25
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	4	1.25
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	20	1.25
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	3	1.25
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	3	1.25
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	3	1.25
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	8	1.25
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	8	1.25
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	8	1.25
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	19	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	19	1.25
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	19	1.25
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	10	1.25
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	10	1.25
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	10	1.25
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	20	1.25
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	20	1.25
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	9	1.25
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	12	1.25
(1,218)	1:832:A:THR:HG21	1:833:A:ALA:H	5	1.25
(1,218)	1:832:A:THR:HG22	1:833:A:ALA:H	5	1.25
(1,218)	1:832:A:THR:HG23	1:833:A:ALA:H	5	1.25
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	6	1.25
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	6	1.25
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	6	1.25
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	1	1.25
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	8	1.25
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	8	1.25
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	8	1.25
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	2	1.25
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	14	1.25
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	14	1.25
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	2	1.25
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	2	1.25
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	2	1.25
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	12	1.25
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	12	1.25
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	12	1.25
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	9	1.25
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	9	1.25
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	9	1.25
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	1	1.25
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	1	1.25
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	1	1.25
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	4	1.25
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	4	1.25
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	4	1.25
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	9	1.25
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	9	1.25
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	9	1.25
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	9	1.25
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	9	1.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	9	1.25
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	5	1.25
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	5	1.25
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	8	1.25
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	8	1.25
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	10	1.25
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	10	1.25
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	7	1.25
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	19	1.25
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	19	1.25
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	19	1.25
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	19	1.25
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	19	1.25
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	19	1.25
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	14	1.25
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	14	1.25
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	14	1.25
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	18	1.25
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	18	1.25
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	18	1.25
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	5	1.25
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	5	1.25
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	5	1.25
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	11	1.25
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	11	1.25
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	11	1.25
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	5	1.25
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	15	1.25
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	3	1.25
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	3	1.25
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	3	1.25
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	2	1.25
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	2	1.25
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	2	1.25
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	2	1.25
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	3	1.24
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	3	1.24
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	3	1.24
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	3	1.24
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	6	1.24
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	6	1.24
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	7	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	7	1.24
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	2	1.24
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	2	1.24
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	15	1.24
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	15	1.24
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	9	1.24
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	9	1.24
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	2	1.24
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	2	1.24
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	17	1.24
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	17	1.24
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	3	1.24
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	3	1.24
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	11	1.24
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	11	1.24
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	14	1.24
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	14	1.24
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	1	1.24
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	1	1.24
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	2	1.24
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	2	1.24
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	9	1.24
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	9	1.24
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	4	1.24
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	4	1.24
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB2	8	1.24
(1,3269)	1:870:A:TYR:HD1	1:920:A:LEU:HB3	8	1.24
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB2	8	1.24
(1,3269)	1:870:A:TYR:HD2	1:920:A:LEU:HB3	8	1.24
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	4	1.24
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	4	1.24
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	1	1.24
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	1	1.24
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	11	1.24
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	11	1.24
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	20	1.24
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	20	1.24
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	6	1.24
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	6	1.24
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	20	1.24
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	20	1.24
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	12	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	12	1.24
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	12	1.24
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	12	1.24
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	3	1.24
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	3	1.24
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	3	1.24
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	3	1.24
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	12	1.24
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	12	1.24
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	8	1.24
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	8	1.24
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	17	1.24
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	17	1.24
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	7	1.24
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	7	1.24
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	7	1.24
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	7	1.24
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	7	1.24
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	7	1.24
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	15	1.24
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	15	1.24
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	15	1.24
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	15	1.24
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	15	1.24
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	15	1.24
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	2	1.24
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	2	1.24
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	1	1.24
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	1	1.24
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	10	1.24
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	10	1.24
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	2	1.24
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	2	1.24
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	14	1.24
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	14	1.24
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	14	1.24
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	2	1.24
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	4	1.24
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	8	1.24
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	3	1.24
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	3	1.24
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	3	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	12	1.24
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	12	1.24
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	12	1.24
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	3	1.24
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	3	1.24
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	3	1.24
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	8	1.24
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	8	1.24
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	8	1.24
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	18	1.24
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	18	1.24
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	18	1.24
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	8	1.24
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	8	1.24
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	8	1.24
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	6	1.24
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	6	1.24
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	8	1.24
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	8	1.24
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	8	1.24
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	3	1.24
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	3	1.24
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	3	1.24
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	8	1.24
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	8	1.24
(1,2733)	1:818:A:THR:HB	1:819:A:ARG:HG3	8	1.24
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	11	1.24
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	11	1.24
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	7	1.24
(1,2723)	1:803:A:PRO:HB3	1:809:A:PHE:HA	19	1.24
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	17	1.24
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	7	1.24
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	17	1.24
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	12	1.24
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	12	1.24
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	12	1.24
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	10	1.24
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	10	1.24
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	10	1.24
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	1	1.24
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	1	1.24
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	1	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	1	1.24
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	4	1.24
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	9	1.24
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	16	1.24
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	16	1.24
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	17	1.24
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	17	1.24
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	17	1.24
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	17	1.24
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	17	1.24
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	17	1.24
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	2	1.24
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	2	1.24
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	2	1.24
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	2	1.24
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	2	1.24
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	2	1.24
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	13	1.24
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	13	1.24
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	16	1.24
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	16	1.24
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	16	1.24
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	4	1.24
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	4	1.24
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	3	1.24
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	3	1.24
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	5	1.24
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	5	1.24
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	14	1.24
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	14	1.24
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	17	1.24
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	17	1.24
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	14	1.24
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	14	1.24
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	6	1.24
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	6	1.24
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	14	1.24
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	2	1.24
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	2	1.24
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	11	1.24
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	11	1.24
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	3	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	3	1.24
(1,2476)	1:870:A:TYR:HD1	1:912:A:PHE:HB2	1	1.24
(1,2476)	1:870:A:TYR:HD2	1:912:A:PHE:HB2	1	1.24
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	3	1.24
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	3	1.24
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	4	1.24
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	5	1.24
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	10	1.24
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	15	1.24
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	15	1.24
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	18	1.24
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	2	1.24
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	4	1.24
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	4	1.24
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	4	1.24
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	18	1.24
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	18	1.24
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	7	1.24
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	7	1.24
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	13	1.24
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	7	1.24
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	7	1.24
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	7	1.24
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	12	1.24
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	12	1.24
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	7	1.24
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	7	1.24
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD1	17	1.24
(1,2309)	1:867:A:SER:HA	1:912:A:PHE:HD2	17	1.24
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	15	1.24
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	15	1.24
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	13	1.24
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	13	1.24
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	20	1.24
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	20	1.24
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	8	1.24
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	8	1.24
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	8	1.24
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	8	1.24
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	8	1.24
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	8	1.24
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	19	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	19	1.24
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	6	1.24
(1,2250)	1:873:A:LEU:HD11	1:901:A:PHE:HZ	18	1.24
(1,2250)	1:873:A:LEU:HD12	1:901:A:PHE:HZ	18	1.24
(1,2250)	1:873:A:LEU:HD13	1:901:A:PHE:HZ	18	1.24
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	18	1.24
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	2	1.24
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	2	1.24
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	2	1.24
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	10	1.24
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	18	1.24
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	18	1.24
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	5	1.24
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	5	1.24
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	18	1.24
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	18	1.24
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	18	1.24
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	19	1.24
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	19	1.24
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	12	1.24
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	16	1.24
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	17	1.24
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	19	1.24
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	1	1.24
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	1	1.24
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	13	1.24
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	13	1.24
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	13	1.24
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	12	1.24
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	12	1.24
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	12	1.24
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	12	1.24
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	5	1.24
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	1	1.24
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	1	1.24
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	1	1.24
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	10	1.24
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	10	1.24
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	10	1.24
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	1	1.24
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	1	1.24
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	15	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	5	1.24
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	5	1.24
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	11	1.24
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	17	1.24
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	11	1.24
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	11	1.24
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	11	1.24
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	14	1.24
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	14	1.24
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	14	1.24
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	10	1.24
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	10	1.24
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	2	1.24
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	3	1.24
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	3	1.24
(1,1750)	1:881:A:ARG:HB2	1:882:A:PHE:H	19	1.24
(1,1750)	1:881:A:ARG:HB3	1:882:A:PHE:H	19	1.24
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	15	1.24
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	15	1.24
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	4	1.24
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	4	1.24
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	4	1.24
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	12	1.24
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	12	1.24
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	12	1.24
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	1	1.24
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	1	1.24
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	8	1.24
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	8	1.24
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	5	1.24
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	5	1.24
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	16	1.24
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	16	1.24
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	6	1.24
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	10	1.24
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	7	1.24
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	7	1.24
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	7	1.24
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	2	1.24
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	2	1.24
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	14	1.24
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	14	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	12	1.24
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	12	1.24
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	12	1.24
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	2	1.24
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	2	1.24
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	2	1.24
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	16	1.24
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	4	1.24
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	4	1.24
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	9	1.24
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	9	1.24
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	6	1.24
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	6	1.24
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	6	1.24
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	9	1.24
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	9	1.24
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	9	1.24
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	3	1.24
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	3	1.24
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	3	1.24
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	4	1.24
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	4	1.24
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	4	1.24
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	7	1.24
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	7	1.24
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	7	1.24
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	12	1.24
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	12	1.24
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	12	1.24
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	15	1.24
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	15	1.24
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	18	1.24
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	18	1.24
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	6	1.24
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	15	1.24
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	15	1.24
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	15	1.24
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	15	1.24
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	20	1.24
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	20	1.24
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	20	1.24
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	6	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	6	1.24
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	11	1.24
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	11	1.24
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	13	1.24
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	13	1.24
(1,1609)	1:868:A:LEU:HD11	1:872:A:HIS:H	6	1.24
(1,1609)	1:868:A:LEU:HD12	1:872:A:HIS:H	6	1.24
(1,1609)	1:868:A:LEU:HD13	1:872:A:HIS:H	6	1.24
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	7	1.24
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	7	1.24
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	5	1.24
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	18	1.24
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	18	1.24
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	11	1.24
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	17	1.24
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	17	1.24
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	9	1.24
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	9	1.24
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	10	1.24
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	10	1.24
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	15	1.24
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	15	1.24
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	2	1.24
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	6	1.24
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	6	1.24
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	6	1.24
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	6	1.24
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	15	1.24
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	15	1.24
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	15	1.24
(1,1400)	1:853:A:LEU:H	1:853:A:LEU:HB3	15	1.24
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	14	1.24
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	13	1.24
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	4	1.24
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	11	1.24
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	11	1.24
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	12	1.24
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	12	1.24
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	12	1.24
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	8	1.24
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	20	1.24
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	17	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	14	1.24
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	14	1.24
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	20	1.24
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	20	1.24
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	20	1.24
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	14	1.24
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	14	1.24
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	14	1.24
(1,1358)	1:846:A:GLU:HB3	1:849:A:THR:H	4	1.24
(1,1358)	1:846:A:GLU:HB2	1:849:A:THR:H	4	1.24
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	3	1.24
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	4	1.24
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	18	1.24
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	18	1.24
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	4	1.24
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	4	1.24
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	7	1.24
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	7	1.24
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	19	1.24
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	20	1.24
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	11	1.24
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	11	1.24
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	11	1.24
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	3	1.24
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	6	1.24
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	7	1.24
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	7	1.24
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	7	1.24
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	11	1.24
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	11	1.24
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	11	1.24
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	2	1.24
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	2	1.24
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	2	1.24
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	9	1.24
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	9	1.24
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	9	1.24
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	15	1.24
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	15	1.24
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	15	1.24
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	5	1.24
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	5	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	2	1.24
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	2	1.24
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	2	1.24
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	7	1.24
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	7	1.24
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	7	1.24
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	3	1.24
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	3	1.24
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	3	1.24
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	8	1.24
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	8	1.24
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	8	1.24
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	18	1.24
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	18	1.24
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	18	1.24
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	7	1.24
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	7	1.24
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	7	1.24
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	4	1.24
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	4	1.24
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	12	1.24
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	12	1.24
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	3	1.24
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	16	1.24
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	8	1.24
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	8	1.24
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	8	1.24
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	10	1.24
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	10	1.24
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	10	1.24
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB2	14	1.24
(1,982)	1:809:A:PHE:H	1:809:A:PHE:HB3	14	1.24
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	10	1.24
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	14	1.24
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	14	1.24
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	14	1.24
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	18	1.24
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	18	1.24
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	18	1.24
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	5	1.24
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	4	1.24
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	9	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	5	1.24
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	8	1.24
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	18	1.24
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	19	1.24
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	12	1.24
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	12	1.24
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	12	1.24
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	9	1.24
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	9	1.24
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	9	1.24
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	19	1.24
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	19	1.24
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	19	1.24
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	1	1.24
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	18	1.24
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	19	1.24
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	19	1.24
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	19	1.24
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	4	1.24
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	4	1.24
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	4	1.24
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	8	1.24
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	8	1.24
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	8	1.24
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	8	1.24
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	8	1.24
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	8	1.24
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD22	13	1.24
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD23	13	1.24
(1,821)	1:894:A:LYS:HE2	1:926:A:LEU:HD21	13	1.24
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD22	13	1.24
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD23	13	1.24
(1,821)	1:894:A:LYS:HE3	1:926:A:LEU:HD21	13	1.24
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	17	1.24
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	17	1.24
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	17	1.24
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	17	1.24
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	8	1.24
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	8	1.24
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	8	1.24
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	18	1.24
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	18	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	18	1.24
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	8	1.24
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	8	1.24
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	8	1.24
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	14	1.24
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	14	1.24
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	14	1.24
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	18	1.24
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	18	1.24
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	18	1.24
(1,743)	1:917:A:ILE:HG21	1:917:A:ILE:HG13	5	1.24
(1,743)	1:917:A:ILE:HG22	1:917:A:ILE:HG13	5	1.24
(1,743)	1:917:A:ILE:HG23	1:917:A:ILE:HG13	5	1.24
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	14	1.24
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	5	1.24
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	20	1.24
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	20	1.24
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	20	1.24
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	7	1.24
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	7	1.24
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	8	1.24
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	8	1.24
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	8	1.24
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	15	1.24
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	15	1.24
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	15	1.24
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	16	1.24
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	16	1.24
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	16	1.24
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	16	1.24
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	16	1.24
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	16	1.24
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	8	1.24
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	9	1.24
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	9	1.24
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	16	1.24
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	16	1.24
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	16	1.24
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	16	1.24
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	16	1.24
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	16	1.24
(1,540)	1:884:A:MET:HG3	1:885:A:MET:H	8	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	9	1.24
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	9	1.24
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	9	1.24
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	20	1.24
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	5	1.24
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	5	1.24
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	9	1.24
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	20	1.24
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	20	1.24
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	20	1.24
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	14	1.24
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	14	1.24
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	14	1.24
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	7	1.24
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	12	1.24
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	12	1.24
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	12	1.24
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	3	1.24
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	15	1.24
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	15	1.24
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	15	1.24
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	16	1.24
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	16	1.24
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	16	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	12	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	12	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	12	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	14	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	14	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	14	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	16	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	16	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	16	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	19	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	19	1.24
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	19	1.24
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	2	1.24
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	2	1.24
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	2	1.24
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	3	1.24
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	3	1.24
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	3	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	16	1.24
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	16	1.24
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	16	1.24
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	2	1.24
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	18	1.24
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	11	1.24
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	11	1.24
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	11	1.24
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	15	1.24
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	15	1.24
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	15	1.24
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	1	1.24
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	6	1.24
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	6	1.24
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	6	1.24
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	19	1.24
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	19	1.24
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	1	1.24
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	5	1.24
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	5	1.24
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	5	1.24
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	2	1.24
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	13	1.24
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	17	1.24
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	11	1.24
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	11	1.24
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	11	1.24
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	1	1.24
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	1	1.24
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	1	1.24
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	14	1.24
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	14	1.24
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	14	1.24
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	19	1.24
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	19	1.24
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	19	1.24
(1,164)	1:826:A:ALA:HB1	1:827:A:HIS:H	13	1.24
(1,164)	1:826:A:ALA:HB2	1:827:A:HIS:H	13	1.24
(1,164)	1:826:A:ALA:HB3	1:827:A:HIS:H	13	1.24
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	13	1.24
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	6	1.24
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	20	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	14	1.24
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	14	1.24
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	14	1.24
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	5	1.24
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	5	1.24
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	5	1.24
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	14	1.24
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	14	1.24
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	14	1.24
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	5	1.24
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	5	1.24
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	5	1.24
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	14	1.24
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	14	1.24
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	14	1.24
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	11	1.24
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	11	1.24
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	11	1.24
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	2	1.24
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	2	1.24
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	2	1.24
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	4	1.24
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	4	1.24
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	4	1.24
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD11	12	1.24
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD12	12	1.24
(1,81)	1:813:A:ILE:HB	1:828:A:LEU:HD13	12	1.24
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	7	1.24
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	4	1.24
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	4	1.24
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	9	1.24
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	9	1.24
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	13	1.24
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	13	1.24
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	13	1.24
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	13	1.24
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	13	1.24
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	13	1.24
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	18	1.24
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	18	1.24
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	18	1.24
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	8	1.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	8	1.24
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	8	1.24
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	19	1.24
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	3	1.23
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	3	1.23
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	6	1.23
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	6	1.23
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	6	1.23
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	6	1.23
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	16	1.23
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	16	1.23
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	17	1.23
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	17	1.23
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	4	1.23
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	4	1.23
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	15	1.23
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	15	1.23
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	4	1.23
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	4	1.23
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	18	1.23
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	18	1.23
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	10	1.23
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	10	1.23
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	5	1.23
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	5	1.23
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	12	1.23
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	12	1.23
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	19	1.23
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	19	1.23
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	20	1.23
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	20	1.23
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	20	1.23
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	20	1.23
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	4	1.23
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	4	1.23
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	10	1.23
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	10	1.23
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	5	1.23
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	5	1.23
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	10	1.23
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	10	1.23
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	14	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	14	1.23
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	15	1.23
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	15	1.23
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	18	1.23
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	18	1.23
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	19	1.23
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	19	1.23
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG12	2	1.23
(1,3203)	1:854:A:ILE:HA	1:854:A:ILE:HG13	2	1.23
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	14	1.23
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	14	1.23
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	14	1.23
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	14	1.23
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	14	1.23
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	14	1.23
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	8	1.23
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	8	1.23
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	8	1.23
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	8	1.23
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	7	1.23
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	7	1.23
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	7	1.23
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	7	1.23
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	7	1.23
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	7	1.23
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	3	1.23
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	3	1.23
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	3	1.23
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	3	1.23
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	10	1.23
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	10	1.23
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	10	1.23
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	10	1.23
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	20	1.23
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	20	1.23
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	20	1.23
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	1	1.23
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	1	1.23
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	18	1.23
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	18	1.23
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG2	7	1.23
(1,3057)	1:808:A:GLU:HA	1:808:A:GLU:HG3	7	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	18	1.23
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	18	1.23
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	18	1.23
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	18	1.23
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	8	1.23
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	8	1.23
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	8	1.23
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	8	1.23
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	8	1.23
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	8	1.23
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	2	1.23
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	2	1.23
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	2	1.23
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	2	1.23
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	2	1.23
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	2	1.23
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	7	1.23
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	7	1.23
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	10	1.23
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	10	1.23
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	9	1.23
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	9	1.23
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	10	1.23
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	10	1.23
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	10	1.23
(1,2914)	1:900:A:LEU:HA	1:903:A:ASP:HB2	1	1.23
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	19	1.23
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	19	1.23
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	19	1.23
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	5	1.23
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	5	1.23
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	5	1.23
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	7	1.23
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	7	1.23
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	7	1.23
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	16	1.23
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	16	1.23
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	16	1.23
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	19	1.23
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	19	1.23
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	19	1.23
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	7	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	7	1.23
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	12	1.23
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	12	1.23
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	12	1.23
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	5	1.23
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	5	1.23
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	5	1.23
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	2	1.23
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	2	1.23
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	13	1.23
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	13	1.23
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	9	1.23
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	9	1.23
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	9	1.23
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	16	1.23
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	16	1.23
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	16	1.23
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD21	6	1.23
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD22	6	1.23
(1,2761)	1:861:A:LEU:HA	1:861:A:LEU:HD23	6	1.23
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	3	1.23
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	3	1.23
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	3	1.23
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	18	1.23
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	16	1.23
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	19	1.23
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	13	1.23
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	13	1.23
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	13	1.23
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	15	1.23
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	14	1.23
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	14	1.23
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	14	1.23
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	11	1.23
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	11	1.23
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	11	1.23
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	16	1.23
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	16	1.23
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	16	1.23
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	5	1.23
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	14	1.23
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	9	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	9	1.23
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	1	1.23
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	1	1.23
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	7	1.23
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	7	1.23
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	15	1.23
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	6	1.23
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	6	1.23
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	6	1.23
(1,2629)	1:829:A:LEU:HD21	1:872:A:HIS:HD2	3	1.23
(1,2629)	1:829:A:LEU:HD22	1:872:A:HIS:HD2	3	1.23
(1,2629)	1:829:A:LEU:HD23	1:872:A:HIS:HD2	3	1.23
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	5	1.23
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	5	1.23
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	19	1.23
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	19	1.23
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	15	1.23
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD2	9	1.23
(1,2514)	1:803:A:PRO:HB3	1:809:A:PHE:HD1	9	1.23
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	8	1.23
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	8	1.23
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	19	1.23
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	19	1.23
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	5	1.23
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	5	1.23
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	5	1.23
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	5	1.23
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	10	1.23
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	10	1.23
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	2	1.23
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	20	1.23
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	16	1.23
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	16	1.23
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	16	1.23
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	16	1.23
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	16	1.23
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	16	1.23
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	8	1.23
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	8	1.23
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD2	20	1.23
(1,2336)	1:809:A:PHE:HA	1:809:A:PHE:HD1	20	1.23
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	1	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	1	1.23
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	1	1.23
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	1	1.23
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	1	1.23
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	1	1.23
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	19	1.23
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	19	1.23
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	10	1.23
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	10	1.23
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	10	1.23
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	10	1.23
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	4	1.23
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	4	1.23
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	13	1.23
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	13	1.23
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	11	1.23
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	11	1.23
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	11	1.23
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	7	1.23
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	7	1.23
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	7	1.23
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	2	1.23
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	5	1.23
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	15	1.23
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	10	1.23
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	10	1.23
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	18	1.23
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	18	1.23
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	17	1.23
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	17	1.23
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	17	1.23
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	20	1.23
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	20	1.23
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	20	1.23
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	8	1.23
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	18	1.23
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	15	1.23
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	15	1.23
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	15	1.23
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	11	1.23
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	11	1.23
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	7	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	7	1.23
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	7	1.23
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	15	1.23
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	11	1.23
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	11	1.23
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	11	1.23
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	19	1.23
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	2	1.23
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	2	1.23
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	2	1.23
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	15	1.23
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	15	1.23
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	7	1.23
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	7	1.23
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	7	1.23
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	20	1.23
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	1	1.23
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	1	1.23
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	4	1.23
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	4	1.23
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	19	1.23
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	16	1.23
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	16	1.23
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	16	1.23
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	18	1.23
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	18	1.23
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	18	1.23
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	11	1.23
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	11	1.23
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	11	1.23
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	12	1.23
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	12	1.23
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	12	1.23
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	3	1.23
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	2	1.23
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	2	1.23
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	2	1.23
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	4	1.23
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	4	1.23
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	4	1.23
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	3	1.23
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	3	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	3	1.23
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	11	1.23
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	11	1.23
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	11	1.23
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	14	1.23
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	14	1.23
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	14	1.23
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	5	1.23
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	5	1.23
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	4	1.23
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	4	1.23
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	8	1.23
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	8	1.23
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	14	1.23
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	14	1.23
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	18	1.23
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	18	1.23
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	12	1.23
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	17	1.23
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	17	1.23
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	6	1.23
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	6	1.23
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	17	1.23
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	17	1.23
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	17	1.23
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	7	1.23
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	7	1.23
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	7	1.23
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	11	1.23
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	11	1.23
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	17	1.23
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	17	1.23
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	4	1.23
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	4	1.23
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	4	1.23
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	7	1.23
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	7	1.23
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	7	1.23
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	18	1.23
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	18	1.23
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	18	1.23
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	7	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	7	1.23
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	7	1.23
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	12	1.23
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	12	1.23
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	12	1.23
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	16	1.23
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	16	1.23
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	16	1.23
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	13	1.23
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	13	1.23
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	13	1.23
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	17	1.23
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	17	1.23
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	17	1.23
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	9	1.23
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	9	1.23
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	4	1.23
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	4	1.23
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	5	1.23
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	6	1.23
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	17	1.23
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	5	1.23
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	5	1.23
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB2	18	1.23
(1,1614)	1:872:A:HIS:H	1:872:A:HIS:HB3	18	1.23
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	15	1.23
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	7	1.23
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	7	1.23
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	18	1.23
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	18	1.23
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	4	1.23
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	4	1.23
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	7	1.23
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	7	1.23
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	16	1.23
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	16	1.23
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	5	1.23
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	13	1.23
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	15	1.23
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	4	1.23
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	8	1.23
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	9	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	18	1.23
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	11	1.23
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	11	1.23
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	11	1.23
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD11	9	1.23
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD12	9	1.23
(1,1466)	1:858:A:LYS:H	1:900:A:LEU:HD13	9	1.23
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	20	1.23
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	20	1.23
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	20	1.23
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	2	1.23
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	2	1.23
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	2	1.23
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	19	1.23
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	19	1.23
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	19	1.23
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	3	1.23
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	16	1.23
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	17	1.23
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	20	1.23
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	4	1.23
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	4	1.23
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	13	1.23
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	13	1.23
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	13	1.23
(1,1370)	1:850:A:PHE:H	1:850:A:PHE:HB3	12	1.23
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	2	1.23
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	2	1.23
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	2	1.23
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	15	1.23
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	15	1.23
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	15	1.23
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	17	1.23
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	17	1.23
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	17	1.23
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	4	1.23
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	4	1.23
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	4	1.23
(1,1362)	1:845:A:LEU:HD11	1:849:A:THR:H	19	1.23
(1,1362)	1:845:A:LEU:HD12	1:849:A:THR:H	19	1.23
(1,1362)	1:845:A:LEU:HD13	1:849:A:THR:H	19	1.23
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	10	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	10	1.23
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	16	1.23
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	16	1.23
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	16	1.23
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	20	1.23
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	9	1.23
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	6	1.23
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	5	1.23
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	5	1.23
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	5	1.23
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	14	1.23
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	14	1.23
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	14	1.23
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	20	1.23
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	20	1.23
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	20	1.23
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	4	1.23
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	4	1.23
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	4	1.23
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	5	1.23
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	5	1.23
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	5	1.23
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	15	1.23
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	15	1.23
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	15	1.23
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	7	1.23
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	7	1.23
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	7	1.23
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	1	1.23
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	1	1.23
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	10	1.23
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	10	1.23
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	16	1.23
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	16	1.23
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	16	1.23
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	10	1.23
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	13	1.23
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	15	1.23
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	11	1.23
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	11	1.23
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	11	1.23
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	9	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	9	1.23
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	9	1.23
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	8	1.23
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	8	1.23
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	4	1.23
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	17	1.23
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	15	1.23
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	4	1.23
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	4	1.23
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	4	1.23
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	12	1.23
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	12	1.23
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	12	1.23
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	19	1.23
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	19	1.23
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	19	1.23
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	7	1.23
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	7	1.23
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	7	1.23
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	15	1.23
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	15	1.23
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	15	1.23
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	13	1.23
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	17	1.23
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	11	1.23
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	7	1.23
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	16	1.23
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	16	1.23
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	13	1.23
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	13	1.23
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	13	1.23
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	12	1.23
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	15	1.23
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	15	1.23
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	15	1.23
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	15	1.23
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	15	1.23
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	15	1.23
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	20	1.23
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	20	1.23
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	20	1.23
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD21	3	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD22	3	1.23
(1,854)	1:904:A:LEU:H	1:904:A:LEU:HD23	3	1.23
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	2	1.23
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	2	1.23
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	2	1.23
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	8	1.23
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	8	1.23
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	8	1.23
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	19	1.23
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	19	1.23
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	19	1.23
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	6	1.23
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	6	1.23
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	6	1.23
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	6	1.23
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	6	1.23
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	6	1.23
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	12	1.23
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	12	1.23
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	12	1.23
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	12	1.23
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	12	1.23
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	12	1.23
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	4	1.23
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	4	1.23
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	11	1.23
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	11	1.23
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	12	1.23
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	12	1.23
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	15	1.23
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	15	1.23
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	16	1.23
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	2	1.23
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	2	1.23
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	2	1.23
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	2	1.23
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	2	1.23
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	2	1.23
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	6	1.23
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	6	1.23
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	6	1.23
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	1	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	1	1.23
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	1	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	1	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	1	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	1	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	5	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	5	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	5	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	12	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	12	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	12	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	16	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	16	1.23
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	16	1.23
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	8	1.23
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	8	1.23
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	8	1.23
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	10	1.23
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	10	1.23
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	10	1.23
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	16	1.23
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	4	1.23
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	4	1.23
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	4	1.23
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	6	1.23
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	6	1.23
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	6	1.23
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	7	1.23
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	7	1.23
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	7	1.23
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	7	1.23
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	7	1.23
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	7	1.23
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	20	1.23
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	20	1.23
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	20	1.23
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	2	1.23
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	2	1.23
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	1	1.23
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	1	1.23
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	8	1.23
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	8	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	8	1.23
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	14	1.23
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	14	1.23
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	14	1.23
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	7	1.23
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	7	1.23
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	7	1.23
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	20	1.23
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	20	1.23
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	20	1.23
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	8	1.23
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	8	1.23
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	8	1.23
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	12	1.23
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	12	1.23
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	12	1.23
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	20	1.23
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	20	1.23
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	20	1.23
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	9	1.23
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	9	1.23
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	9	1.23
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	10	1.23
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	10	1.23
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	10	1.23
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	20	1.23
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	20	1.23
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	20	1.23
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	15	1.23
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	15	1.23
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	15	1.23
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	12	1.23
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	6	1.23
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	6	1.23
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	9	1.23
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	9	1.23
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	8	1.23
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	8	1.23
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	8	1.23
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	8	1.23
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	8	1.23
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	8	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	20	1.23
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	2	1.23
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	2	1.23
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	2	1.23
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	10	1.23
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	10	1.23
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	10	1.23
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	15	1.23
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	15	1.23
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	15	1.23
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	9	1.23
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	9	1.23
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	9	1.23
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	16	1.23
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	16	1.23
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	16	1.23
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	17	1.23
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	17	1.23
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	17	1.23
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	1	1.23
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	1	1.23
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	1	1.23
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	4	1.23
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	4	1.23
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	4	1.23
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	6	1.23
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	6	1.23
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	7	1.23
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	7	1.23
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	7	1.23
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	16	1.23
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	16	1.23
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	16	1.23
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	6	1.23
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	6	1.23
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	6	1.23
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	15	1.23
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	15	1.23
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	15	1.23
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	14	1.23
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	17	1.23
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	18	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	18	1.23
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	18	1.23
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	19	1.23
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	19	1.23
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	19	1.23
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	4	1.23
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	4	1.23
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	4	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	1	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	1	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	1	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	2	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	2	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	2	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	4	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	4	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	4	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	5	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	5	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	5	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	6	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	6	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	6	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	7	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	7	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	7	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	9	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	9	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	9	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	10	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	10	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	10	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	13	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	13	1.23
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	13	1.23
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	15	1.23
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	15	1.23
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	15	1.23
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	9	1.23
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	15	1.23
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	10	1.23
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	8	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	8	1.23
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	4	1.23
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	3	1.23
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	11	1.23
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	11	1.23
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	11	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	2	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	2	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	2	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	3	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	3	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	3	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	7	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	7	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	7	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	9	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	9	1.23
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	9	1.23
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	3	1.23
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	14	1.23
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	19	1.23
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	19	1.23
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	19	1.23
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG2	8	1.23
(1,143)	1:823:A:GLU:HA	1:823:A:GLU:HG3	8	1.23
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	9	1.23
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	19	1.23
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	17	1.23
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	14	1.23
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	8	1.23
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	8	1.23
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	8	1.23
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	18	1.23
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	18	1.23
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	18	1.23
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	12	1.23
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	12	1.23
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	12	1.23
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	9	1.23
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	9	1.23
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	9	1.23
(1,100)	1:813:A:ILE:HD11	1:825:A:CYS:HA	16	1.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,100)	1:813:A:ILE:HD12	1:825:A:CYS:HA	16	1.23
(1,100)	1:813:A:ILE:HD13	1:825:A:CYS:HA	16	1.23
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	6	1.23
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	6	1.23
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	6	1.23
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	5	1.23
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	5	1.23
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	5	1.23
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	16	1.23
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	16	1.23
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	16	1.23
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	13	1.23
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	12	1.23
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	12	1.23
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	16	1.23
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	16	1.23
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	11	1.23
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	11	1.23
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	11	1.23
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	3	1.23
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	3	1.23
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	3	1.23
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	3	1.23
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	6	1.23
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	6	1.23
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	6	1.23
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	5	1.23
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	5	1.23
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	5	1.23
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	13	1.23
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	13	1.23
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	13	1.23
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	13	1.23
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	11	1.22
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	11	1.22
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	7	1.22
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	7	1.22
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	9	1.22
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	9	1.22
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	18	1.22
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	18	1.22
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	8	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	8	1.22
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	2	1.22
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	2	1.22
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	6	1.22
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	6	1.22
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	16	1.22
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	16	1.22
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	3	1.22
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	3	1.22
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	6	1.22
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	6	1.22
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE2	20	1.22
(1,3307)	1:882:A:PHE:HD1	1:883:A:LYS:HE3	20	1.22
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE2	20	1.22
(1,3307)	1:882:A:PHE:HD2	1:883:A:LYS:HE3	20	1.22
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	10	1.22
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	10	1.22
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	10	1.22
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	10	1.22
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	10	1.22
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	10	1.22
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	11	1.22
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	11	1.22
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	17	1.22
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	17	1.22
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	1	1.22
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	1	1.22
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	6	1.22
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	6	1.22
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	8	1.22
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	8	1.22
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	9	1.22
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	9	1.22
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	17	1.22
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	17	1.22
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	5	1.22
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	5	1.22
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	5	1.22
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	5	1.22
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	5	1.22
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	5	1.22
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	5	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	5	1.22
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE1	6	1.22
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE2	6	1.22
(1,3144)	1:839:A:MET:HG2	1:839:A:MET:HE3	6	1.22
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE1	6	1.22
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE2	6	1.22
(1,3144)	1:839:A:MET:HG3	1:839:A:MET:HE3	6	1.22
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	7	1.22
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	7	1.22
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	14	1.22
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	14	1.22
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	14	1.22
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	14	1.22
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	11	1.22
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	11	1.22
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	14	1.22
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	14	1.22
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	10	1.22
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	10	1.22
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	3	1.22
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	3	1.22
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD21	1	1.22
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD22	1	1.22
(1,3084)	1:817:A:SER:HB2	1:852:A:LEU:HD23	1	1.22
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD21	1	1.22
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD22	1	1.22
(1,3084)	1:817:A:SER:HB3	1:852:A:LEU:HD23	1	1.22
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	1	1.22
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	1	1.22
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	11	1.22
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	11	1.22
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	14	1.22
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	14	1.22
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	4	1.22
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	4	1.22
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	18	1.22
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	18	1.22
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	1	1.22
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	1	1.22
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	2	1.22
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	2	1.22
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	3	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	3	1.22
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	3	1.22
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	6	1.22
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	6	1.22
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	6	1.22
(1,2976)	1:864:A:LYS:H	1:864:A:LYS:HG2	7	1.22
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	4	1.22
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	5	1.22
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	5	1.22
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	5	1.22
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	2	1.22
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	2	1.22
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	20	1.22
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	17	1.22
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	17	1.22
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	2	1.22
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	3	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	4	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	4	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	4	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	15	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	15	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	15	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	17	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	17	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	17	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	18	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	18	1.22
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	18	1.22
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	2	1.22
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	2	1.22
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	2	1.22
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	15	1.22
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	15	1.22
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	15	1.22
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	4	1.22
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	4	1.22
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	4	1.22
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	3	1.22
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	3	1.22
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	3	1.22
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	15	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	15	1.22
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	15	1.22
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	6	1.22
(1,2788)	1:798:A:LEU:HB2	1:799:A:PRO:HD2	1	1.22
(1,2788)	1:798:A:LEU:HB3	1:799:A:PRO:HD2	1	1.22
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	11	1.22
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	11	1.22
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	11	1.22
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	15	1.22
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	15	1.22
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	15	1.22
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	1	1.22
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	5	1.22
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	12	1.22
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	8	1.22
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	8	1.22
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	8	1.22
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	8	1.22
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	8	1.22
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	8	1.22
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	9	1.22
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	9	1.22
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	9	1.22
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	9	1.22
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	9	1.22
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	9	1.22
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	9	1.22
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	9	1.22
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	9	1.22
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	18	1.22
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	18	1.22
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	18	1.22
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	3	1.22
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	9	1.22
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	14	1.22
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	13	1.22
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	13	1.22
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	13	1.22
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	9	1.22
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	9	1.22
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	9	1.22
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	13	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	13	1.22
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	13	1.22
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	14	1.22
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	14	1.22
(1,2662)	1:882:A:PHE:HE2	1:924:A:TYR:H	9	1.22
(1,2662)	1:882:A:PHE:HE1	1:924:A:TYR:H	9	1.22
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	8	1.22
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	8	1.22
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	4	1.22
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	4	1.22
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	11	1.22
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	5	1.22
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	5	1.22
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	5	1.22
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	5	1.22
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	5	1.22
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	5	1.22
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	6	1.22
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	6	1.22
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	6	1.22
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	6	1.22
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	6	1.22
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	6	1.22
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	7	1.22
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	7	1.22
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	7	1.22
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	12	1.22
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	12	1.22
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	12	1.22
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	15	1.22
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	15	1.22
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	15	1.22
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	19	1.22
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	19	1.22
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	19	1.22
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	3	1.22
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	3	1.22
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	8	1.22
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	8	1.22
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	9	1.22
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	9	1.22
(1,2551)	1:800:A:ILE:HB	1:827:A:HIS:HD2	20	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	1	1.22
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	1	1.22
(1,2521)	1:850:A:PHE:HE1	1:876:A:LEU:HG	6	1.22
(1,2521)	1:850:A:PHE:HE2	1:876:A:LEU:HG	6	1.22
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	7	1.22
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	7	1.22
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	13	1.22
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	13	1.22
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE1	4	1.22
(1,2483)	1:909:A:ASN:HB3	1:912:A:PHE:HE2	4	1.22
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	6	1.22
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	6	1.22
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	17	1.22
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	17	1.22
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	3	1.22
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	3	1.22
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	13	1.22
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	14	1.22
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	14	1.22
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	19	1.22
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	19	1.22
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	12	1.22
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	6	1.22
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	6	1.22
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	6	1.22
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	6	1.22
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	6	1.22
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	3	1.22
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	3	1.22
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	5	1.22
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	5	1.22
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	10	1.22
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	10	1.22
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	2	1.22
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	2	1.22
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	4	1.22
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	4	1.22
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	6	1.22
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	6	1.22
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	12	1.22
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	12	1.22
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	5	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	5	1.22
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	17	1.22
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	17	1.22
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	17	1.22
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	17	1.22
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	17	1.22
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	17	1.22
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	7	1.22
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	7	1.22
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	7	1.22
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	7	1.22
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	7	1.22
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	7	1.22
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	13	1.22
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	13	1.22
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	13	1.22
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	13	1.22
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	13	1.22
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	14	1.22
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	14	1.22
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	14	1.22
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	20	1.22
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	20	1.22
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	11	1.22
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	19	1.22
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	13	1.22
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	13	1.22
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	5	1.22
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	5	1.22
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	5	1.22
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	10	1.22
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	10	1.22
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	10	1.22
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	9	1.22
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	9	1.22
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	7	1.22
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	7	1.22
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	9	1.22
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	6	1.22
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	6	1.22
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	7	1.22
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	7	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	7	1.22
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	15	1.22
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	1	1.22
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	1	1.22
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	1	1.22
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	12	1.22
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	12	1.22
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	12	1.22
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	7	1.22
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	7	1.22
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	7	1.22
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	5	1.22
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	12	1.22
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	12	1.22
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	12	1.22
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	1	1.22
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	1	1.22
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	1	1.22
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	2	1.22
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	2	1.22
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	2	1.22
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	11	1.22
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	11	1.22
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	11	1.22
(1,1950)	1:897:A:ILE:HG21	1:901:A:PHE:H	9	1.22
(1,1950)	1:897:A:ILE:HG22	1:901:A:PHE:H	9	1.22
(1,1950)	1:897:A:ILE:HG23	1:901:A:PHE:H	9	1.22
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	3	1.22
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	4	1.22
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	4	1.22
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	4	1.22
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	8	1.22
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	8	1.22
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	8	1.22
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	2	1.22
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	2	1.22
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	3	1.22
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	3	1.22
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	5	1.22
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	5	1.22
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	8	1.22
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	8	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	4	1.22
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	4	1.22
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	8	1.22
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	15	1.22
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	8	1.22
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	8	1.22
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	8	1.22
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	7	1.22
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	18	1.22
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	18	1.22
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	17	1.22
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	17	1.22
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	3	1.22
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	3	1.22
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	8	1.22
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	8	1.22
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	10	1.22
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	10	1.22
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	15	1.22
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	15	1.22
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	18	1.22
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	18	1.22
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	3	1.22
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	1	1.22
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	1	1.22
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	11	1.22
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	11	1.22
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	13	1.22
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	13	1.22
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	19	1.22
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	19	1.22
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	20	1.22
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	20	1.22
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	1	1.22
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	1	1.22
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	1	1.22
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	9	1.22
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	9	1.22
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	9	1.22
(1,1670)	1:876:A:LEU:H	1:876:A:LEU:HB2	19	1.22
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	12	1.22
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	12	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	18	1.22
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	18	1.22
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	8	1.22
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	1	1.22
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	1	1.22
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	1	1.22
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	20	1.22
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	20	1.22
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	20	1.22
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	8	1.22
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	8	1.22
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	7	1.22
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	7	1.22
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	16	1.22
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	16	1.22
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	7	1.22
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	3	1.22
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	14	1.22
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	16	1.22
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	17	1.22
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	17	1.22
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	17	1.22
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	19	1.22
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	19	1.22
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	19	1.22
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	2	1.22
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	2	1.22
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	2	1.22
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	6	1.22
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	6	1.22
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	6	1.22
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB3	3	1.22
(1,1588)	1:870:A:TYR:H	1:870:A:TYR:HB2	3	1.22
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	14	1.22
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	17	1.22
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	3	1.22
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	3	1.22
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	6	1.22
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	6	1.22
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	13	1.22
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	13	1.22
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	18	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	5	1.22
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	15	1.22
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	19	1.22
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	3	1.22
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	5	1.22
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	5	1.22
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	8	1.22
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	8	1.22
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	8	1.22
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	12	1.22
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	12	1.22
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	12	1.22
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	17	1.22
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	17	1.22
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	17	1.22
(1,1434)	1:854:A:ILE:HB	1:855:A:GLN:HE21	5	1.22
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	6	1.22
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	4	1.22
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	4	1.22
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	4	1.22
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	9	1.22
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	12	1.22
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	18	1.22
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	19	1.22
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	1	1.22
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	11	1.22
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	13	1.22
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	13	1.22
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	3	1.22
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	3	1.22
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	13	1.22
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	13	1.22
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	13	1.22
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	2	1.22
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	2	1.22
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	2	1.22
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	12	1.22
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	12	1.22
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	17	1.22
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	17	1.22
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	16	1.22
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	16	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	19	1.22
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	19	1.22
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	4	1.22
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	17	1.22
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	17	1.22
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	17	1.22
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	14	1.22
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	14	1.22
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	14	1.22
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	17	1.22
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	17	1.22
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	17	1.22
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	1	1.22
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	2	1.22
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	2	1.22
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	2	1.22
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	1	1.22
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	1	1.22
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	1	1.22
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	20	1.22
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	20	1.22
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	20	1.22
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	6	1.22
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	14	1.22
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	14	1.22
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	1	1.22
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	1	1.22
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	1	1.22
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	1	1.22
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	1	1.22
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	1	1.22
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	16	1.22
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	16	1.22
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	16	1.22
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	18	1.22
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	18	1.22
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	18	1.22
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	10	1.22
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	16	1.22
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	11	1.22
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	7	1.22
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD21	4	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD22	4	1.22
(1,1059)	1:816:A:LEU:H	1:816:A:LEU:HD23	4	1.22
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	9	1.22
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	9	1.22
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	9	1.22
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	12	1.22
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	17	1.22
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	3	1.22
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	3	1.22
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	5	1.22
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	16	1.22
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	16	1.22
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	15	1.22
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	15	1.22
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	9	1.22
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	18	1.22
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	6	1.22
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	13	1.22
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	7	1.22
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	19	1.22
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	14	1.22
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	14	1.22
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	14	1.22
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	16	1.22
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	16	1.22
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	16	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	1	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	1	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	2	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	2	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	6	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	6	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	10	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	10	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	20	1.22
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	20	1.22
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	4	1.22
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	4	1.22
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	7	1.22
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	7	1.22
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	3	1.22
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	3	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	3	1.22
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	15	1.22
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	15	1.22
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	15	1.22
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	15	1.22
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	15	1.22
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	15	1.22
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	9	1.22
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	9	1.22
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	9	1.22
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	17	1.22
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	17	1.22
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	17	1.22
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	1	1.22
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	1	1.22
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	1	1.22
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	10	1.22
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	10	1.22
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	10	1.22
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	7	1.22
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	16	1.22
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	16	1.22
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	16	1.22
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	11	1.22
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	18	1.22
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	12	1.22
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	12	1.22
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	5	1.22
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	5	1.22
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	5	1.22
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	5	1.22
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	4	1.22
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	4	1.22
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	11	1.22
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	11	1.22
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	11	1.22
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	5	1.22
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	5	1.22
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	5	1.22
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	4	1.22
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	4	1.22
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	4	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	4	1.22
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	4	1.22
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	4	1.22
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	3	1.22
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	1	1.22
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	1	1.22
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	1	1.22
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	10	1.22
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	10	1.22
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	10	1.22
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	15	1.22
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	12	1.22
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	11	1.22
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	11	1.22
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	11	1.22
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	12	1.22
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	12	1.22
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	12	1.22
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	11	1.22
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	16	1.22
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	20	1.22
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	7	1.22
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	7	1.22
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	7	1.22
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	13	1.22
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	13	1.22
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	13	1.22
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	14	1.22
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	14	1.22
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	14	1.22
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	5	1.22
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	5	1.22
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	15	1.22
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	15	1.22
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	15	1.22
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	15	1.22
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	15	1.22
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	15	1.22
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	20	1.22
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	18	1.22
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	18	1.22
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	18	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	18	1.22
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	18	1.22
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	18	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	3	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	3	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	3	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	8	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	8	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	8	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	11	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	11	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	11	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	17	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	17	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	17	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	18	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	18	1.22
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	18	1.22
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD11	20	1.22
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD12	20	1.22
(1,317)	1:853:A:LEU:HB2	1:853:A:LEU:HD13	20	1.22
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	7	1.22
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	7	1.22
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	7	1.22
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	19	1.22
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	19	1.22
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	19	1.22
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	3	1.22
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	3	1.22
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	3	1.22
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	6	1.22
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	6	1.22
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	6	1.22
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	7	1.22
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	7	1.22
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	7	1.22
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	3	1.22
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	3	1.22
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	5	1.22
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	5	1.22
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	5	1.22
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	5	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	10	1.22
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	20	1.22
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	13	1.22
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	13	1.22
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	13	1.22
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	3	1.22
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	3	1.22
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	3	1.22
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	13	1.22
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	13	1.22
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	13	1.22
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	17	1.22
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	10	1.22
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	10	1.22
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	10	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	4	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	4	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	4	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	6	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	6	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	6	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	10	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	10	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	10	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	11	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	11	1.22
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	11	1.22
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	19	1.22
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	19	1.22
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	19	1.22
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	10	1.22
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	10	1.22
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	10	1.22
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	18	1.22
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	18	1.22
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	18	1.22
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	19	1.22
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	19	1.22
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	19	1.22
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	9	1.22
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	10	1.22
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	14	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	17	1.22
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	1	1.22
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	1	1.22
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	20	1.22
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	20	1.22
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	13	1.22
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	13	1.22
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	13	1.22
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	5	1.22
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	5	1.22
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	5	1.22
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	15	1.22
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	15	1.22
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	15	1.22
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	5	1.22
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	11	1.22
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	12	1.22
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	6	1.22
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	15	1.21
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	15	1.21
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	19	1.21
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	19	1.21
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	7	1.21
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	7	1.21
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	12	1.21
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	12	1.21
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	18	1.21
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	18	1.21
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE2	4	1.21
(1,3310)	1:883:A:LYS:HG2	1:883:A:LYS:HE3	4	1.21
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE2	4	1.21
(1,3310)	1:883:A:LYS:HG3	1:883:A:LYS:HE3	4	1.21
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	13	1.21
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	13	1.21
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	11	1.21
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	11	1.21
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	1	1.21
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	1	1.21
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	2	1.21
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	2	1.21
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	5	1.21
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	5	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	13	1.21
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	13	1.21
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	20	1.21
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	20	1.21
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	16	1.21
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	16	1.21
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	17	1.21
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	17	1.21
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	5	1.21
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	5	1.21
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	6	1.21
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	6	1.21
(1,3207)	1:854:A:ILE:HG12	1:855:A:GLN:H	7	1.21
(1,3207)	1:854:A:ILE:HG13	1:855:A:GLN:H	7	1.21
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	11	1.21
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	11	1.21
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	12	1.21
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	12	1.21
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	1	1.21
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	1	1.21
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	4	1.21
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	4	1.21
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	1	1.21
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	1	1.21
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	11	1.21
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	11	1.21
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	9	1.21
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	9	1.21
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	1	1.21
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	1	1.21
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	20	1.21
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	20	1.21
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	14	1.21
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	14	1.21
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	14	1.21
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	14	1.21
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	7	1.21
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	7	1.21
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	7	1.21
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	7	1.21
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	7	1.21
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	7	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	3	1.21
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	3	1.21
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	6	1.21
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	6	1.21
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	12	1.21
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	12	1.21
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	18	1.21
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	18	1.21
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	18	1.21
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	18	1.21
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	18	1.21
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	18	1.21
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	19	1.21
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	19	1.21
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	2	1.21
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	2	1.21
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	3	1.21
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	3	1.21
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	5	1.21
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	5	1.21
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	7	1.21
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	7	1.21
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	9	1.21
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	9	1.21
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	10	1.21
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	10	1.21
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	13	1.21
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	13	1.21
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	15	1.21
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	15	1.21
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	16	1.21
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	16	1.21
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	17	1.21
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	17	1.21
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	15	1.21
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	15	1.21
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	18	1.21
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	18	1.21
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	12	1.21
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	12	1.21
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	12	1.21
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	20	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	20	1.21
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	20	1.21
(1,2980)	1:857:A:LEU:HB2	1:858:A:LYS:H	8	1.21
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	10	1.21
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	10	1.21
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	8	1.21
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	8	1.21
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	8	1.21
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	7	1.21
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	7	1.21
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	2	1.21
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	2	1.21
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	2	1.21
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	10	1.21
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	18	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	1	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	1	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	1	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	6	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	6	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	6	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	8	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	8	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	8	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	14	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	14	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	14	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	20	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	20	1.21
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	20	1.21
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	1	1.21
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	1	1.21
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	1	1.21
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	12	1.21
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	12	1.21
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	12	1.21
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	5	1.21
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	5	1.21
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	5	1.21
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	18	1.21
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	18	1.21
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	18	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	20	1.21
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	20	1.21
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	20	1.21
(1,2793)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	9	1.21
(1,2793)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	9	1.21
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	3	1.21
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	3	1.21
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	3	1.21
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB1	7	1.21
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB2	7	1.21
(1,2738)	1:876:A:LEU:HA	1:879:A:ALA:HB3	7	1.21
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	17	1.21
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	14	1.21
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	6	1.21
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	18	1.21
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	2	1.21
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	2	1.21
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	2	1.21
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	2	1.21
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	2	1.21
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	2	1.21
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	6	1.21
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	6	1.21
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	6	1.21
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	16	1.21
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	18	1.21
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	19	1.21
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	18	1.21
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	18	1.21
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	18	1.21
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	18	1.21
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	20	1.21
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	20	1.21
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	12	1.21
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	18	1.21
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	18	1.21
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	18	1.21
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	2	1.21
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	2	1.21
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	2	1.21
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	14	1.21
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	14	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	14	1.21
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	16	1.21
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	16	1.21
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	16	1.21
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	18	1.21
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	18	1.21
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	18	1.21
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	18	1.21
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	18	1.21
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	18	1.21
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	8	1.21
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	8	1.21
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	16	1.21
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	16	1.21
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	18	1.21
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	18	1.21
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	1	1.21
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	1	1.21
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	4	1.21
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	4	1.21
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	4	1.21
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	4	1.21
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	6	1.21
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	9	1.21
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	6	1.21
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	6	1.21
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	9	1.21
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	9	1.21
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	10	1.21
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	10	1.21
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	5	1.21
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	5	1.21
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	13	1.21
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	13	1.21
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	2	1.21
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	3	1.21
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	9	1.21
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	9	1.21
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	7	1.21
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	7	1.21
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	7	1.21
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	12	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	12	1.21
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	10	1.21
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	10	1.21
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	10	1.21
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	10	1.21
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	5	1.21
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	5	1.21
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	2	1.21
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	13	1.21
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	13	1.21
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	19	1.21
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	18	1.21
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	18	1.21
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	14	1.21
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	14	1.21
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	5	1.21
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	14	1.21
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	10	1.21
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	10	1.21
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	10	1.21
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	13	1.21
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	13	1.21
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	13	1.21
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	16	1.21
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	16	1.21
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	15	1.21
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	15	1.21
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	10	1.21
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	10	1.21
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	10	1.21
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	10	1.21
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	13	1.21
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	13	1.21
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	7	1.21
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	7	1.21
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	15	1.21
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	15	1.21
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	20	1.21
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	20	1.21
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	11	1.21
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	11	1.21
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	6	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	6	1.21
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	6	1.21
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	6	1.21
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	6	1.21
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	6	1.21
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	3	1.21
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	3	1.21
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	3	1.21
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	3	1.21
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	3	1.21
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	3	1.21
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	7	1.21
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	7	1.21
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	7	1.21
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	7	1.21
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	7	1.21
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	7	1.21
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	17	1.21
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	17	1.21
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	17	1.21
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	17	1.21
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	17	1.21
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	17	1.21
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	9	1.21
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	9	1.21
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	4	1.21
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	4	1.21
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	17	1.21
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	17	1.21
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	17	1.21
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	16	1.21
(1,2256)	1:857:A:LEU:HD11	1:872:A:HIS:HD2	9	1.21
(1,2256)	1:857:A:LEU:HD12	1:872:A:HIS:HD2	9	1.21
(1,2256)	1:857:A:LEU:HD13	1:872:A:HIS:HD2	9	1.21
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	20	1.21
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	20	1.21
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	9	1.21
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	9	1.21
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	15	1.21
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	15	1.21
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	17	1.21
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	17	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	4	1.21
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	8	1.21
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	8	1.21
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	14	1.21
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	14	1.21
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	8	1.21
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	8	1.21
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	8	1.21
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	16	1.21
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	16	1.21
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	16	1.21
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	17	1.21
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	17	1.21
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	3	1.21
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	3	1.21
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	7	1.21
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	7	1.21
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	7	1.21
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	18	1.21
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	9	1.21
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	9	1.21
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	9	1.21
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	2	1.21
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	2	1.21
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	2	1.21
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	9	1.21
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	9	1.21
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	9	1.21
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	11	1.21
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	13	1.21
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	13	1.21
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	13	1.21
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	17	1.21
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	17	1.21
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	17	1.21
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	1	1.21
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	1	1.21
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	1	1.21
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	8	1.21
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	9	1.21
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	9	1.21
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	19	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	19	1.21
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	3	1.21
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	3	1.21
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	2	1.21
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	2	1.21
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	2	1.21
(1,1826)	1:888:A:LEU:HG	1:889:A:ILE:H	14	1.21
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	13	1.21
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	20	1.21
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	20	1.21
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	20	1.21
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	10	1.21
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	10	1.21
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	10	1.21
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	12	1.21
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	12	1.21
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	12	1.21
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	5	1.21
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	5	1.21
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	1	1.21
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	1	1.21
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	14	1.21
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	14	1.21
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	14	1.21
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	16	1.21
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	16	1.21
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	16	1.21
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	10	1.21
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	10	1.21
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	9	1.21
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	9	1.21
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	9	1.21
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	13	1.21
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	13	1.21
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	13	1.21
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	14	1.21
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	5	1.21
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	5	1.21
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	7	1.21
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	7	1.21
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	12	1.21
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	12	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	15	1.21
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	15	1.21
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	17	1.21
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	17	1.21
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	18	1.21
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	18	1.21
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	11	1.21
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	11	1.21
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	11	1.21
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	12	1.21
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	12	1.21
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	12	1.21
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	1	1.21
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	1	1.21
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	10	1.21
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	10	1.21
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	15	1.21
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	15	1.21
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	16	1.21
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	16	1.21
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	16	1.21
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	15	1.21
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	15	1.21
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	19	1.21
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	19	1.21
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	20	1.21
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	20	1.21
(1,1633)	1:872:A:HIS:HB2	1:873:A:LEU:H	4	1.21
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	2	1.21
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	4	1.21
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	12	1.21
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	20	1.21
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	11	1.21
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	11	1.21
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	11	1.21
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	20	1.21
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	20	1.21
(1,1597)	1:870:A:TYR:HE2	1:871:A:GLN:HE21	1	1.21
(1,1597)	1:870:A:TYR:HE1	1:871:A:GLN:HE21	1	1.21
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	16	1.21
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	16	1.21
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	16	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	3	1.21
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	3	1.21
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	15	1.21
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	20	1.21
(1,1572)	1:865:A:ASP:HB2	1:868:A:LEU:H	16	1.21
(1,1572)	1:865:A:ASP:HB3	1:868:A:LEU:H	16	1.21
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	11	1.21
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	7	1.21
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	19	1.21
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	15	1.21
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	15	1.21
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	15	1.21
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	2	1.21
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	2	1.21
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	5	1.21
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	13	1.21
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	13	1.21
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	13	1.21
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	14	1.21
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	5	1.21
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	6	1.21
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	6	1.21
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	6	1.21
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	14	1.21
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	14	1.21
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	14	1.21
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	1	1.21
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	8	1.21
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	13	1.21
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	13	1.21
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	13	1.21
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	2	1.21
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	4	1.21
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	15	1.21
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	5	1.21
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	10	1.21
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	9	1.21
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	9	1.21
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	12	1.21
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	12	1.21
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	15	1.21
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	15	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	2	1.21
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	2	1.21
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	2	1.21
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	12	1.21
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	12	1.21
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	12	1.21
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	14	1.21
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	14	1.21
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	14	1.21
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	10	1.21
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	13	1.21
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	13	1.21
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	7	1.21
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	7	1.21
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	19	1.21
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	19	1.21
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	6	1.21
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	6	1.21
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	6	1.21
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	7	1.21
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	7	1.21
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	8	1.21
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	20	1.21
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	3	1.21
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	7	1.21
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	7	1.21
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	7	1.21
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	1	1.21
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	1	1.21
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	1	1.21
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	5	1.21
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	9	1.21
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	16	1.21
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	16	1.21
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	16	1.21
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	2	1.21
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	19	1.21
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	2	1.21
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	2	1.21
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	18	1.21
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	18	1.21
(1,1168)	1:824:A:ALA:HB1	1:827:A:HIS:H	17	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1168)	1:824:A:ALA:HB2	1:827:A:HIS:H	17	1.21
(1,1168)	1:824:A:ALA:HB3	1:827:A:HIS:H	17	1.21
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	9	1.21
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	19	1.21
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	19	1.21
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	10	1.21
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	10	1.21
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	8	1.21
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	19	1.21
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	20	1.21
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	20	1.21
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	20	1.21
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	6	1.21
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	6	1.21
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	6	1.21
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	7	1.21
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	7	1.21
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	14	1.21
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	10	1.21
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	10	1.21
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	11	1.21
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	11	1.21
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	2	1.21
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	16	1.21
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	10	1.21
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	18	1.21
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	17	1.21
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	3	1.21
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	11	1.21
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	20	1.21
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	4	1.21
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	13	1.21
(1,873)	1:873:A:LEU:HD11	1:924:A:TYR:HH	11	1.21
(1,873)	1:873:A:LEU:HD12	1:924:A:TYR:HH	11	1.21
(1,873)	1:873:A:LEU:HD13	1:924:A:TYR:HH	11	1.21
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	5	1.21
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	5	1.21
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	5	1.21
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD23	16	1.21
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD21	16	1.21
(1,868)	1:859:A:ASN:H	1:900:A:LEU:HD22	16	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	9	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	9	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	9	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	10	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	10	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	10	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	12	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	12	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	12	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	13	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	13	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	13	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	18	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	18	1.21
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	18	1.21
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	12	1.21
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	12	1.21
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	12	1.21
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	18	1.21
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	18	1.21
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	18	1.21
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	15	1.21
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	15	1.21
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	15	1.21
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	15	1.21
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	15	1.21
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	15	1.21
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	5	1.21
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	5	1.21
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	19	1.21
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	19	1.21
(1,804)	1:882:A:PHE:HZ	1:924:A:TYR:HA	5	1.21
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	11	1.21
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	6	1.21
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	6	1.21
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	4	1.21
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	4	1.21
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	4	1.21
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	14	1.21
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	14	1.21
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	14	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	3	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	3	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	3	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	4	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	4	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	4	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	5	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	5	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	5	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	8	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	8	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	8	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	12	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	12	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	12	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	13	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	13	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	13	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	16	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	16	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	16	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	18	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	18	1.21
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	18	1.21
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	6	1.21
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	1	1.21
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	1	1.21
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	1	1.21
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	5	1.21
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	5	1.21
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	5	1.21
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	14	1.21
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	18	1.21
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	18	1.21
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	18	1.21
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	15	1.21
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	15	1.21
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	15	1.21
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	15	1.21
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	15	1.21
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	15	1.21
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	18	1.21
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	18	1.21
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	18	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	19	1.21
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	19	1.21
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	19	1.21
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	16	1.21
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	16	1.21
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	16	1.21
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	10	1.21
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	10	1.21
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	10	1.21
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	6	1.21
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	6	1.21
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	6	1.21
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	9	1.21
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	9	1.21
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	9	1.21
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	17	1.21
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	17	1.21
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	17	1.21
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	16	1.21
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	16	1.21
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	16	1.21
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	11	1.21
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	11	1.21
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	11	1.21
(1,495)	1:874:A:LEU:HD21	1:877:A:SER:HG	8	1.21
(1,495)	1:874:A:LEU:HD22	1:877:A:SER:HG	8	1.21
(1,495)	1:874:A:LEU:HD23	1:877:A:SER:HG	8	1.21
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	2	1.21
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	17	1.21
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	17	1.21
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	17	1.21
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	16	1.21
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	1	1.21
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	1	1.21
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	2	1.21
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	2	1.21
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	12	1.21
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	12	1.21
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	7	1.21
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	7	1.21
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	7	1.21
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	11	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	11	1.21
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	11	1.21
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	20	1.21
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	20	1.21
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	20	1.21
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	1	1.21
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	7	1.21
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	7	1.21
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	7	1.21
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	6	1.21
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	6	1.21
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	6	1.21
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	9	1.21
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	9	1.21
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	9	1.21
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	15	1.21
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	15	1.21
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	15	1.21
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD11	20	1.21
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD12	20	1.21
(1,318)	1:853:A:LEU:HB3	1:853:A:LEU:HD13	20	1.21
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	11	1.21
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	14	1.21
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	11	1.21
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	19	1.21
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	4	1.21
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	4	1.21
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	4	1.21
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	18	1.21
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	18	1.21
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	2	1.21
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	2	1.21
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	2	1.21
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	2	1.21
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	2	1.21
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	2	1.21
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	19	1.21
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	19	1.21
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	19	1.21
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	19	1.21
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	19	1.21
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	19	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	2	1.21
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	6	1.21
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	13	1.21
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD11	16	1.21
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD12	16	1.21
(1,198)	1:828:A:LEU:H	1:829:A:LEU:HD13	16	1.21
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	11	1.21
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	11	1.21
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	11	1.21
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	16	1.21
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	16	1.21
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	16	1.21
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD23	18	1.21
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD21	18	1.21
(1,180)	1:828:A:LEU:HB2	1:828:A:LEU:HD22	18	1.21
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	19	1.21
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	19	1.21
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	19	1.21
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	10	1.21
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	8	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	2	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	2	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	2	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	5	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	5	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	5	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	13	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	13	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	13	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	15	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	15	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	15	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	18	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	18	1.21
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	18	1.21
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	16	1.21
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	8	1.21
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	8	1.21
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	8	1.21
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	14	1.21
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	14	1.21
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	14	1.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	1	1.21
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	2	1.21
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	2	1.21
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	2	1.21
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	7	1.21
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	7	1.21
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	18	1.21
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	18	1.21
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	1	1.21
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	16	1.21
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	8	1.21
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	3	1.21
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	3	1.21
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	3	1.21
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	3	1.21
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	6	1.21
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD2	1	1.21
(1,31)	1:802:A:LYS:HA	1:803:A:PRO:HD3	1	1.21
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	9	1.21
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	9	1.21
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	9	1.21
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	10	1.21
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	10	1.21
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	10	1.21
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	10	1.21
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	14	1.2
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	14	1.2
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	16	1.2
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	16	1.2
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	17	1.2
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	17	1.2
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	20	1.2
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	20	1.2
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	12	1.2
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	12	1.2
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	15	1.2
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	15	1.2
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	7	1.2
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	7	1.2
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	11	1.2
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	11	1.2
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	13	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	13	1.2
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	18	1.2
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	18	1.2
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	5	1.2
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	5	1.2
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	3	1.2
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	3	1.2
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	3	1.2
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	3	1.2
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	3	1.2
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	3	1.2
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	15	1.2
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	15	1.2
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	15	1.2
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	15	1.2
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	15	1.2
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	15	1.2
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	17	1.2
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	17	1.2
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	8	1.2
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	8	1.2
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	13	1.2
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	13	1.2
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	4	1.2
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	4	1.2
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	4	1.2
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	4	1.2
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	10	1.2
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	10	1.2
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	17	1.2
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	17	1.2
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	8	1.2
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	8	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	6	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	6	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	9	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	9	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	12	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	12	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	14	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	14	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	15	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	15	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	16	1.2
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	16	1.2
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	11	1.2
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	11	1.2
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	15	1.2
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	15	1.2
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	17	1.2
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	17	1.2
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	17	1.2
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	17	1.2
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	20	1.2
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	20	1.2
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB2	2	1.2
(1,3200)	1:852:A:LEU:HD12	1:856:A:SER:HB3	2	1.2
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB2	2	1.2
(1,3200)	1:852:A:LEU:HD13	1:856:A:SER:HB3	2	1.2
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB2	2	1.2
(1,3200)	1:852:A:LEU:HD11	1:856:A:SER:HB3	2	1.2
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	5	1.2
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	5	1.2
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	10	1.2
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	10	1.2
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	10	1.2
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	10	1.2
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	16	1.2
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	16	1.2
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	15	1.2
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	15	1.2
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	15	1.2
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	15	1.2
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	16	1.2
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	16	1.2
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	8	1.2
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	8	1.2
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	20	1.2
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	20	1.2
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	6	1.2
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	6	1.2
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	7	1.2
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	7	1.2
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	5	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	5	1.2
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	4	1.2
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	4	1.2
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	10	1.2
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	10	1.2
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	10	1.2
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	10	1.2
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	10	1.2
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	10	1.2
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	15	1.2
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	15	1.2
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	12	1.2
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	12	1.2
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	7	1.2
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	7	1.2
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	1	1.2
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	1	1.2
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	4	1.2
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	4	1.2
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	6	1.2
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	6	1.2
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	8	1.2
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	8	1.2
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	11	1.2
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	11	1.2
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	12	1.2
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	12	1.2
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	14	1.2
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	14	1.2
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	18	1.2
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	18	1.2
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	19	1.2
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	19	1.2
(1,3030)	1:798:A:LEU:HB2	1:798:A:LEU:CG	20	1.2
(1,3030)	1:798:A:LEU:HB3	1:798:A:LEU:CG	20	1.2
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	5	1.2
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	5	1.2
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	5	1.2
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	5	1.2
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	9	1.2
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	17	1.2
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	17	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	17	1.2
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	8	1.2
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	8	1.2
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	12	1.2
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	12	1.2
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	17	1.2
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	17	1.2
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	3	1.2
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	3	1.2
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	4	1.2
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	4	1.2
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	4	1.2
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	5	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	9	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	9	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	9	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	11	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	11	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	11	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	13	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	13	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	13	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	19	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	19	1.2
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	19	1.2
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	6	1.2
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	6	1.2
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	6	1.2
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	10	1.2
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	10	1.2
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	10	1.2
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	13	1.2
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	13	1.2
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	13	1.2
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	1	1.2
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	1	1.2
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	1	1.2
(1,2836)	1:862:A:ILE:HA	1:866:A:PRO:HA	19	1.2
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	18	1.2
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	18	1.2
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	18	1.2
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	13	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	13	1.2
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	13	1.2
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	13	1.2
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	13	1.2
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	13	1.2
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	20	1.2
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	20	1.2
(1,2727)	1:838:A:PRO:HA	1:841:A:LEU:HB2	8	1.2
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	9	1.2
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	20	1.2
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	15	1.2
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	15	1.2
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	15	1.2
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	7	1.2
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	7	1.2
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	7	1.2
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	20	1.2
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	20	1.2
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	20	1.2
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	13	1.2
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	13	1.2
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	13	1.2
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	10	1.2
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	10	1.2
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	8	1.2
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	13	1.2
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	8	1.2
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	8	1.2
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	11	1.2
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	6	1.2
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	6	1.2
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	6	1.2
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	7	1.2
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	7	1.2
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	7	1.2
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	13	1.2
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	13	1.2
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	13	1.2
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	17	1.2
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	17	1.2
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	17	1.2
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	10	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	10	1.2
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	10	1.2
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	4	1.2
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	4	1.2
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	4	1.2
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	6	1.2
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	6	1.2
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	6	1.2
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	6	1.2
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	6	1.2
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	6	1.2
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	10	1.2
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	10	1.2
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	10	1.2
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	7	1.2
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	7	1.2
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	20	1.2
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	20	1.2
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	1	1.2
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	1	1.2
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	11	1.2
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	11	1.2
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	11	1.2
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	15	1.2
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	15	1.2
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	15	1.2
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	15	1.2
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	17	1.2
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	2	1.2
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	2	1.2
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	12	1.2
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	12	1.2
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	11	1.2
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	11	1.2
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	11	1.2
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	11	1.2
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	6	1.2
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	10	1.2
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	17	1.2
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	19	1.2
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	20	1.2
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	11	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	16	1.2
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	16	1.2
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	7	1.2
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	7	1.2
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	17	1.2
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	17	1.2
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	11	1.2
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	11	1.2
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	11	1.2
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	11	1.2
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	11	1.2
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	11	1.2
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE2	5	1.2
(1,2379)	1:850:A:PHE:HE1	1:882:A:PHE:HE1	5	1.2
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE2	5	1.2
(1,2379)	1:850:A:PHE:HE2	1:882:A:PHE:HE1	5	1.2
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	12	1.2
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	12	1.2
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	9	1.2
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	9	1.2
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	3	1.2
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	3	1.2
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	3	1.2
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	3	1.2
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	3	1.2
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	3	1.2
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	2	1.2
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	2	1.2
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	6	1.2
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	6	1.2
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD11	12	1.2
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD12	12	1.2
(1,2290)	1:870:A:TYR:HD1	1:904:A:LEU:HD13	12	1.2
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD11	12	1.2
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD12	12	1.2
(1,2290)	1:870:A:TYR:HD2	1:904:A:LEU:HD13	12	1.2
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE1	9	1.2
(1,2285)	1:923:A:GLN:HB2	1:924:A:TYR:HE2	9	1.2
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	3	1.2
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	3	1.2
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	3	1.2
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	4	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	4	1.2
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	4	1.2
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	20	1.2
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	20	1.2
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	20	1.2
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	9	1.2
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	16	1.2
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	20	1.2
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	11	1.2
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	11	1.2
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	6	1.2
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	1	1.2
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	1	1.2
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	1	1.2
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	6	1.2
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	6	1.2
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	6	1.2
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	1	1.2
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	1	1.2
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	14	1.2
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	14	1.2
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	5	1.2
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	5	1.2
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	11	1.2
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	11	1.2
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	14	1.2
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	14	1.2
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	2	1.2
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	7	1.2
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	15	1.2
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	5	1.2
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	11	1.2
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	1	1.2
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	1	1.2
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	1	1.2
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	13	1.2
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	13	1.2
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	13	1.2
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	18	1.2
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	18	1.2
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	2	1.2
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	5	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	7	1.2
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	7	1.2
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	7	1.2
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	5	1.2
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	5	1.2
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	5	1.2
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	10	1.2
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	10	1.2
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	10	1.2
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	15	1.2
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	15	1.2
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	15	1.2
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	7	1.2
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	4	1.2
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	4	1.2
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	1	1.2
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	1	1.2
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	7	1.2
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	3	1.2
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	1	1.2
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	1	1.2
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	1	1.2
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	7	1.2
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	7	1.2
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	7	1.2
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	8	1.2
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	8	1.2
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	8	1.2
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	9	1.2
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	9	1.2
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	9	1.2
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	18	1.2
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	18	1.2
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	18	1.2
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	19	1.2
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	19	1.2
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	19	1.2
(1,1767)	1:876:A:LEU:HD13	1:883:A:LYS:H	20	1.2
(1,1767)	1:876:A:LEU:HD11	1:883:A:LYS:H	20	1.2
(1,1767)	1:876:A:LEU:HD12	1:883:A:LYS:H	20	1.2
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	2	1.2
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	2	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	2	1.2
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	17	1.2
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	17	1.2
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	17	1.2
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	19	1.2
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	19	1.2
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	19	1.2
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	7	1.2
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	7	1.2
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	7	1.2
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	7	1.2
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	7	1.2
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	1	1.2
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	1	1.2
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB3	4	1.2
(1,1704)	1:878:A:LYS:H	1:878:A:LYS:HB2	4	1.2
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	12	1.2
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	16	1.2
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	9	1.2
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	9	1.2
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	10	1.2
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	10	1.2
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	14	1.2
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	14	1.2
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	16	1.2
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	16	1.2
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	1	1.2
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	1	1.2
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	1	1.2
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	8	1.2
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	8	1.2
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	8	1.2
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	2	1.2
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	2	1.2
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	3	1.2
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	3	1.2
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	5	1.2
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	5	1.2
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	15	1.2
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	15	1.2
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	15	1.2
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	4	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	4	1.2
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	12	1.2
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	12	1.2
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	4	1.2
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	16	1.2
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	18	1.2
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	18	1.2
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	2	1.2
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	2	1.2
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	14	1.2
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	14	1.2
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	6	1.2
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	3	1.2
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	1	1.2
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	18	1.2
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	14	1.2
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	14	1.2
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	2	1.2
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	2	1.2
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	12	1.2
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	12	1.2
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	7	1.2
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	11	1.2
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	11	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	5	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	5	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	5	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	10	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	10	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	10	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	13	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	13	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	13	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	19	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	19	1.2
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	19	1.2
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	6	1.2
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	16	1.2
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	15	1.2
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	19	1.2
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	2	1.2
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	2	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	2	1.2
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	3	1.2
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	3	1.2
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	3	1.2
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	7	1.2
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	7	1.2
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	7	1.2
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	10	1.2
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	10	1.2
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	2	1.2
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	2	1.2
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	10	1.2
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	13	1.2
(1,1397)	1:849:A:THR:HG22	1:853:A:LEU:H	1	1.2
(1,1397)	1:849:A:THR:HG23	1:853:A:LEU:H	1	1.2
(1,1397)	1:849:A:THR:HG21	1:853:A:LEU:H	1	1.2
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	8	1.2
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	9	1.2
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	10	1.2
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	12	1.2
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	18	1.2
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	19	1.2
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	1	1.2
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	4	1.2
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	4	1.2
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	4	1.2
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	9	1.2
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	9	1.2
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	9	1.2
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	4	1.2
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	4	1.2
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	4	1.2
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	12	1.2
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	12	1.2
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	12	1.2
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	18	1.2
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	18	1.2
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	18	1.2
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	3	1.2
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	3	1.2
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	5	1.2
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	5	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	5	1.2
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	5	1.2
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	5	1.2
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	19	1.2
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	17	1.2
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	17	1.2
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	17	1.2
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	4	1.2
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	5	1.2
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	7	1.2
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	1	1.2
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	1	1.2
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	1	1.2
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	2	1.2
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	2	1.2
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	2	1.2
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	1	1.2
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	1	1.2
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	1	1.2
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	17	1.2
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	17	1.2
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	17	1.2
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	4	1.2
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	4	1.2
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	15	1.2
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	15	1.2
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	1	1.2
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	5	1.2
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	11	1.2
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	7	1.2
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	7	1.2
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	7	1.2
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	19	1.2
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	19	1.2
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	19	1.2
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	9	1.2
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	9	1.2
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	9	1.2
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	2	1.2
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	2	1.2
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	2	1.2
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	9	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	9	1.2
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	9	1.2
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	11	1.2
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	11	1.2
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	17	1.2
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	17	1.2
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	18	1.2
(1,1096)	1:819:A:ARG:H	1:819:A:ARG:HB2	3	1.2
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	10	1.2
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	15	1.2
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	20	1.2
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	17	1.2
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	17	1.2
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	17	1.2
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	5	1.2
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	3	1.2
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	7	1.2
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	7	1.2
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	12	1.2
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	12	1.2
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	9	1.2
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	18	1.2
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	17	1.2
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	17	1.2
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	6	1.2
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	6	1.2
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	13	1.2
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	19	1.2
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	2	1.2
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	16	1.2
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	15	1.2
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	15	1.2
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	17	1.2
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	17	1.2
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	17	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	1	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	1	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	1	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	5	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	5	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	5	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	6	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	6	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	6	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	7	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	7	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	7	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	20	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	20	1.2
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	20	1.2
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	2	1.2
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	2	1.2
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	2	1.2
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	16	1.2
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	16	1.2
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	16	1.2
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	19	1.2
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	19	1.2
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	7	1.2
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	7	1.2
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	9	1.2
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	9	1.2
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	16	1.2
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	16	1.2
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	8	1.2
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	8	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	7	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	7	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	7	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	10	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	10	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	10	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	14	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	14	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	14	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	15	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	15	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	15	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	19	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	19	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	19	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	20	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	20	1.2
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	20	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	17	1.2
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	17	1.2
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	17	1.2
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	8	1.2
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	8	1.2
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	8	1.2
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	12	1.2
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	12	1.2
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	12	1.2
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	6	1.2
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	6	1.2
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	6	1.2
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	4	1.2
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	4	1.2
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	4	1.2
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	5	1.2
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	5	1.2
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	16	1.2
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	16	1.2
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	17	1.2
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	17	1.2
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	20	1.2
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	20	1.2
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	6	1.2
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	11	1.2
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	11	1.2
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	7	1.2
(1,669)	1:897:A:ILE:HD11	1:898:A:GLU:H	6	1.2
(1,669)	1:897:A:ILE:HD12	1:898:A:GLU:H	6	1.2
(1,669)	1:897:A:ILE:HD13	1:898:A:GLU:H	6	1.2
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD11	12	1.2
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD12	12	1.2
(1,663)	1:854:A:ILE:HB	1:897:A:ILE:HD13	12	1.2
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	11	1.2
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	11	1.2
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	17	1.2
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	17	1.2
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	17	1.2
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	13	1.2
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	13	1.2
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	13	1.2
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	13	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	13	1.2
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	13	1.2
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	19	1.2
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	19	1.2
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	19	1.2
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	19	1.2
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	19	1.2
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	19	1.2
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	18	1.2
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	18	1.2
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	18	1.2
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	6	1.2
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	6	1.2
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	6	1.2
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	3	1.2
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	3	1.2
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	3	1.2
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	3	1.2
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	7	1.2
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	7	1.2
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	7	1.2
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	9	1.2
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	9	1.2
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	9	1.2
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	18	1.2
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	18	1.2
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	18	1.2
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	13	1.2
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	13	1.2
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	13	1.2
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	3	1.2
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	3	1.2
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	17	1.2
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	17	1.2
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	18	1.2
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	18	1.2
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	19	1.2
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	19	1.2
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	4	1.2
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	4	1.2
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	4	1.2
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	15	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	15	1.2
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	15	1.2
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	10	1.2
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	18	1.2
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD23	3	1.2
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD21	3	1.2
(1,378)	1:862:A:ILE:HA	1:900:A:LEU:HD22	3	1.2
(1,332)	1:854:A:ILE:HG21	1:855:A:GLN:HA	15	1.2
(1,332)	1:854:A:ILE:HG22	1:855:A:GLN:HA	15	1.2
(1,332)	1:854:A:ILE:HG23	1:855:A:GLN:HA	15	1.2
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	19	1.2
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	19	1.2
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	19	1.2
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	12	1.2
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	12	1.2
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	12	1.2
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	10	1.2
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	16	1.2
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	3	1.2
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	2	1.2
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	2	1.2
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	2	1.2
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	4	1.2
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	4	1.2
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	20	1.2
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	20	1.2
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	20	1.2
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	1	1.2
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	1	1.2
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	2	1.2
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	2	1.2
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	11	1.2
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	11	1.2
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	15	1.2
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	15	1.2
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	17	1.2
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	17	1.2
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	1	1.2
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	1	1.2
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	1	1.2
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	8	1.2
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	8	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	8	1.2
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	4	1.2
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	15	1.2
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	15	1.2
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	15	1.2
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	2	1.2
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	2	1.2
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	2	1.2
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	19	1.2
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	8	1.2
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	8	1.2
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	8	1.2
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	2	1.2
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	2	1.2
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	2	1.2
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	20	1.2
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	20	1.2
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	20	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	1	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	1	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	1	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	3	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	3	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	3	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	12	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	12	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	12	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	14	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	14	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	14	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	19	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	19	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	19	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	20	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	20	1.2
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	20	1.2
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	14	1.2
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	14	1.2
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	14	1.2
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	15	1.2
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	15	1.2
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	15	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	5	1.2
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	10	1.2
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	17	1.2
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	20	1.2
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	3	1.2
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	3	1.2
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	11	1.2
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	11	1.2
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	19	1.2
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	19	1.2
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	2	1.2
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	2	1.2
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	2	1.2
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	18	1.2
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	6	1.2
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	6	1.2
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	6	1.2
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	6	1.2
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	6	1.2
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	6	1.2
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	10	1.2
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	10	1.2
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	10	1.2
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	10	1.2
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	10	1.2
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	10	1.2
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	14	1.2
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	14	1.2
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	14	1.2
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	14	1.2
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	14	1.2
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	14	1.2
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	2	1.2
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	2	1.2
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	2	1.2
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	6	1.2
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	6	1.2
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	6	1.2
(1,21)	1:800:A:ILE:HG22	1:828:A:LEU:HA	10	1.2
(1,21)	1:800:A:ILE:HG23	1:828:A:LEU:HA	10	1.2
(1,21)	1:800:A:ILE:HG21	1:828:A:LEU:HA	10	1.2
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	8	1.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	8	1.2
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	8	1.2
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	12	1.19
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	12	1.19
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	5	1.19
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	5	1.19
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	11	1.19
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	11	1.19
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	5	1.19
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	5	1.19
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	8	1.19
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	8	1.19
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	4	1.19
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	4	1.19
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	4	1.19
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	4	1.19
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	10	1.19
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	10	1.19
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	20	1.19
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	20	1.19
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	20	1.19
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	20	1.19
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	20	1.19
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	20	1.19
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	6	1.19
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	6	1.19
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	1	1.19
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	1	1.19
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	13	1.19
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	13	1.19
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	5	1.19
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	5	1.19
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	8	1.19
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	8	1.19
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	19	1.19
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	19	1.19
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	18	1.19
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	18	1.19
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	11	1.19
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	11	1.19
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	8	1.19
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	8	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE2	20	1.19
(1,3159)	1:844:A:LYS:HG2	1:844:A:LYS:HE3	20	1.19
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE2	20	1.19
(1,3159)	1:844:A:LYS:HG3	1:844:A:LYS:HE3	20	1.19
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	15	1.19
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	15	1.19
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	1	1.19
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	1	1.19
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	12	1.19
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	12	1.19
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	18	1.19
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	18	1.19
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	2	1.19
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	2	1.19
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	17	1.19
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	17	1.19
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	11	1.19
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	11	1.19
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	11	1.19
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	11	1.19
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	1	1.19
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	1	1.19
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	13	1.19
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	13	1.19
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	18	1.19
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	18	1.19
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG12	9	1.19
(1,3077)	1:813:A:ILE:H	1:813:A:ILE:HG13	9	1.19
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	3	1.19
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	3	1.19
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	3	1.19
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	3	1.19
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	3	1.19
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	3	1.19
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	9	1.19
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	9	1.19
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	5	1.19
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	5	1.19
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	5	1.19
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	5	1.19
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	5	1.19
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	5	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	18	1.19
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	18	1.19
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	18	1.19
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	11	1.19
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	11	1.19
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	14	1.19
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	14	1.19
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	14	1.19
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	4	1.19
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	4	1.19
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	8	1.19
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	8	1.19
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	12	1.19
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	12	1.19
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	1	1.19
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	8	1.19
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	15	1.19
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD11	10	1.19
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD12	10	1.19
(1,2869)	1:873:A:LEU:HA	1:873:A:LEU:HD13	10	1.19
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	4	1.19
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	4	1.19
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	4	1.19
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	11	1.19
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	11	1.19
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	11	1.19
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	10	1.19
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	10	1.19
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	10	1.19
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	4	1.19
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	4	1.19
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	1	1.19
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	1	1.19
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	1	1.19
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	12	1.19
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	12	1.19
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	12	1.19
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	5	1.19
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	5	1.19
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	2	1.19
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	7	1.19
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	3	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	3	1.19
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	14	1.19
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	3	1.19
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	20	1.19
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	20	1.19
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	20	1.19
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	14	1.19
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	14	1.19
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	14	1.19
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	2	1.19
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	2	1.19
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	14	1.19
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	14	1.19
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	6	1.19
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	6	1.19
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	11	1.19
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	11	1.19
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	7	1.19
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	4	1.19
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	4	1.19
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	4	1.19
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	4	1.19
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	4	1.19
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	4	1.19
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	5	1.19
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	5	1.19
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	5	1.19
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	7	1.19
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	7	1.19
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	7	1.19
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	14	1.19
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	14	1.19
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	14	1.19
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	10	1.19
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	10	1.19
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	10	1.19
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG22	13	1.19
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG23	13	1.19
(1,2593)	1:814:A:ASN:HD22	1:849:A:THR:HG21	13	1.19
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	7	1.19
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	20	1.19
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	10	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	10	1.19
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	4	1.19
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	4	1.19
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	4	1.19
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	2	1.19
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	2	1.19
(1,2550)	1:809:A:PHE:HE2	1:841:A:LEU:HG	13	1.19
(1,2550)	1:809:A:PHE:HE1	1:841:A:LEU:HG	13	1.19
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	13	1.19
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	13	1.19
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	12	1.19
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	12	1.19
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	5	1.19
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	4	1.19
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	4	1.19
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	2	1.19
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	2	1.19
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	12	1.19
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	12	1.19
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	2	1.19
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	2	1.19
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	19	1.19
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	19	1.19
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	14	1.19
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	1	1.19
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	1	1.19
(1,2436)	1:845:A:LEU:HA	1:846:A:GLU:H	5	1.19
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	14	1.19
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	14	1.19
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	11	1.19
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	11	1.19
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	4	1.19
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	6	1.19
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	7	1.19
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	18	1.19
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	18	1.19
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	18	1.19
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	1	1.19
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	1	1.19
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	1	1.19
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	1	1.19
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE1	15	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2363)	1:874:A:LEU:HB3	1:875:A:TYR:HE2	15	1.19
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG21	3	1.19
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG22	3	1.19
(1,2334)	1:809:A:PHE:HD2	1:813:A:ILE:HG23	3	1.19
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG21	3	1.19
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG22	3	1.19
(1,2334)	1:809:A:PHE:HD1	1:813:A:ILE:HG23	3	1.19
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD1	8	1.19
(1,2311)	1:867:A:SER:HB3	1:912:A:PHE:HD2	8	1.19
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	4	1.19
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	4	1.19
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	4	1.19
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	4	1.19
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	4	1.19
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	4	1.19
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	12	1.19
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	8	1.19
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	8	1.19
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	8	1.19
(1,2223)	1:924:A:TYR:HB2	1:926:A:LEU:H	17	1.19
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	11	1.19
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	11	1.19
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	20	1.19
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	20	1.19
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	20	1.19
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	19	1.19
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	19	1.19
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	19	1.19
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	3	1.19
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	12	1.19
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	17	1.19
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	17	1.19
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	3	1.19
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	3	1.19
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	3	1.19
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	11	1.19
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	11	1.19
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	11	1.19
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	12	1.19
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	12	1.19
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	12	1.19
(1,2182)	1:919:A:ALA:HB3	1:923:A:GLN:H	13	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2182)	1:919:A:ALA:HB1	1:923:A:GLN:H	13	1.19
(1,2182)	1:919:A:ALA:HB2	1:923:A:GLN:H	13	1.19
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	17	1.19
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	17	1.19
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	17	1.19
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	2	1.19
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	2	1.19
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	1	1.19
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	1	1.19
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	3	1.19
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	3	1.19
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	6	1.19
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	6	1.19
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	17	1.19
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	17	1.19
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	18	1.19
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	18	1.19
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	10	1.19
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	11	1.19
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	6	1.19
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	20	1.19
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	2	1.19
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	16	1.19
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	20	1.19
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	8	1.19
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	8	1.19
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	14	1.19
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	14	1.19
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	5	1.19
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	15	1.19
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	12	1.19
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	18	1.19
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	18	1.19
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	18	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	5	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	5	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	5	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	7	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	7	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	7	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	9	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	9	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	9	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	11	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	11	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	11	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	12	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	12	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	12	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	16	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	16	1.19
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	16	1.19
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	5	1.19
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	5	1.19
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	5	1.19
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	16	1.19
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	16	1.19
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	16	1.19
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	19	1.19
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	19	1.19
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	19	1.19
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	20	1.19
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	20	1.19
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	20	1.19
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	6	1.19
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	6	1.19
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	6	1.19
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	9	1.19
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	9	1.19
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	9	1.19
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	12	1.19
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	12	1.19
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	12	1.19
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	16	1.19
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	16	1.19
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	16	1.19
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	17	1.19
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	17	1.19
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	17	1.19
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	13	1.19
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	3	1.19
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	3	1.19
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	8	1.19
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	8	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	5	1.19
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	5	1.19
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	5	1.19
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	5	1.19
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	5	1.19
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	10	1.19
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	10	1.19
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	12	1.19
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	12	1.19
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	2	1.19
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	17	1.19
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	8	1.19
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	8	1.19
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	8	1.19
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	10	1.19
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	10	1.19
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	10	1.19
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	4	1.19
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	14	1.19
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	14	1.19
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	9	1.19
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	8	1.19
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	8	1.19
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	20	1.19
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	20	1.19
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	5	1.19
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	5	1.19
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	5	1.19
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	7	1.19
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	7	1.19
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	7	1.19
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	9	1.19
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	9	1.19
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	9	1.19
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	10	1.19
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	10	1.19
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	10	1.19
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	13	1.19
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	13	1.19
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	13	1.19
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	20	1.19
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	20	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	20	1.19
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	6	1.19
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	6	1.19
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	6	1.19
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	17	1.19
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	17	1.19
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	17	1.19
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	5	1.19
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	5	1.19
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	19	1.19
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	19	1.19
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	19	1.19
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	18	1.19
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	4	1.19
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	14	1.19
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG2	3	1.19
(1,1682)	1:877:A:SER:H	1:878:A:LYS:HG3	3	1.19
(1,1679)	1:841:A:LEU:HD11	1:877:A:SER:H	11	1.19
(1,1679)	1:841:A:LEU:HD12	1:877:A:SER:H	11	1.19
(1,1679)	1:841:A:LEU:HD13	1:877:A:SER:H	11	1.19
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	8	1.19
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	8	1.19
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	8	1.19
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	14	1.19
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	14	1.19
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	14	1.19
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	14	1.19
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	14	1.19
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	19	1.19
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	19	1.19
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	20	1.19
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	20	1.19
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	12	1.19
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	13	1.19
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	13	1.19
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	5	1.19
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	5	1.19
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	13	1.19
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	13	1.19
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	7	1.19
(1,1625)	1:873:A:LEU:H	1:873:A:LEU:HB2	13	1.19
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	1	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	1	1.19
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	1	1.19
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	13	1.19
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	13	1.19
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	13	1.19
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	1	1.19
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	1	1.19
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	1	1.19
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD13	12	1.19
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD11	12	1.19
(1,1594)	1:871:A:GLN:HE21	1:874:A:LEU:HD12	12	1.19
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	20	1.19
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	20	1.19
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	20	1.19
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	5	1.19
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	5	1.19
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	14	1.19
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	1	1.19
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	1	1.19
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	14	1.19
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	14	1.19
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	1	1.19
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	1	1.19
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	18	1.19
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	18	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	1	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	1	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	1	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	8	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	8	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	8	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	17	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	17	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	17	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	20	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	20	1.19
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	20	1.19
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	19	1.19
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	2	1.19
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	2	1.19
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	2	1.19
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	18	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	1	1.19
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	7	1.19
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	17	1.19
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	17	1.19
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	17	1.19
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	19	1.19
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	19	1.19
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	19	1.19
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	3	1.19
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	11	1.19
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	5	1.19
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	6	1.19
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	5	1.19
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	5	1.19
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	7	1.19
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	1	1.19
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	1	1.19
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	16	1.19
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	16	1.19
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	19	1.19
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	19	1.19
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	3	1.19
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	3	1.19
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	8	1.19
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	8	1.19
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	18	1.19
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	18	1.19
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	4	1.19
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	4	1.19
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	4	1.19
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	11	1.19
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	11	1.19
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	11	1.19
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	13	1.19
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	13	1.19
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	13	1.19
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	19	1.19
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	6	1.19
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	6	1.19
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	6	1.19
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	10	1.19
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	10	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	10	1.19
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	8	1.19
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	11	1.19
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	3	1.19
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	3	1.19
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	3	1.19
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	20	1.19
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	16	1.19
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	3	1.19
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	18	1.19
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	18	1.19
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	18	1.19
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	18	1.19
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	12	1.19
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	12	1.19
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	13	1.19
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	13	1.19
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	12	1.19
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	12	1.19
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	14	1.19
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	14	1.19
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	17	1.19
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	17	1.19
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	17	1.19
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	17	1.19
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	17	1.19
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	10	1.19
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	10	1.19
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	10	1.19
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	12	1.19
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	12	1.19
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	12	1.19
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	8	1.19
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	8	1.19
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	8	1.19
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	19	1.19
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	19	1.19
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	19	1.19
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	8	1.19
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	19	1.19
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	19	1.19
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	7	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	7	1.19
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	7	1.19
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	3	1.19
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	3	1.19
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	3	1.19
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	10	1.19
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	10	1.19
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	10	1.19
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	10	1.19
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	10	1.19
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	10	1.19
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	12	1.19
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	15	1.19
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	15	1.19
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	15	1.19
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	14	1.19
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	14	1.19
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	14	1.19
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	12	1.19
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	12	1.19
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	12	1.19
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	8	1.19
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	17	1.19
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	1	1.19
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	9	1.19
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	9	1.19
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	11	1.19
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	11	1.19
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	12	1.19
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	12	1.19
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	18	1.19
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	18	1.19
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	20	1.19
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	8	1.19
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	4	1.19
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	6	1.19
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	12	1.19
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	4	1.19
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	8	1.19
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	10	1.19
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	13	1.19
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	10	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	3	1.19
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	17	1.19
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	17	1.19
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	12	1.19
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	12	1.19
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	9	1.19
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	3	1.19
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	3	1.19
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	3	1.19
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	15	1.19
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	15	1.19
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	15	1.19
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	17	1.19
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	17	1.19
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	17	1.19
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG11	8	1.19
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG12	8	1.19
(1,830)	1:858:A:LYS:H	1:869:A:VAL:HG13	8	1.19
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	3	1.19
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	3	1.19
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	3	1.19
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	13	1.19
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	13	1.19
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	13	1.19
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	13	1.19
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	13	1.19
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	13	1.19
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	3	1.19
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	3	1.19
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	14	1.19
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	14	1.19
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG2	14	1.19
(1,802)	1:924:A:TYR:HA	1:925:A:GLU:HG3	14	1.19
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	13	1.19
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	13	1.19
(1,782)	1:917:A:ILE:HG21	1:921:A:LYS:HA	9	1.19
(1,782)	1:917:A:ILE:HG22	1:921:A:LYS:HA	9	1.19
(1,782)	1:917:A:ILE:HG23	1:921:A:LYS:HA	9	1.19
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	3	1.19
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	3	1.19
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	3	1.19
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	4	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	4	1.19
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	4	1.19
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	4	1.19
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	4	1.19
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	4	1.19
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	1	1.19
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	1	1.19
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	1	1.19
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD11	11	1.19
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD12	11	1.19
(1,773)	1:920:A:LEU:HB2	1:920:A:LEU:HD13	11	1.19
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	17	1.19
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	17	1.19
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	17	1.19
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	19	1.19
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	19	1.19
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	19	1.19
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	7	1.19
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	7	1.19
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	7	1.19
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	8	1.19
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	8	1.19
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	8	1.19
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	15	1.19
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	15	1.19
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	1	1.19
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	1	1.19
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	1	1.19
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	10	1.19
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	10	1.19
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	10	1.19
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	7	1.19
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	19	1.19
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	1	1.19
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	1	1.19
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	2	1.19
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	2	1.19
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	6	1.19
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	6	1.19
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	8	1.19
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	8	1.19
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	10	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	10	1.19
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	11	1.19
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	11	1.19
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	13	1.19
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	13	1.19
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	14	1.19
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	14	1.19
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	15	1.19
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	15	1.19
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	18	1.19
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	18	1.19
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	19	1.19
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	19	1.19
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	14	1.19
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	4	1.19
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	4	1.19
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	4	1.19
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	10	1.19
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	12	1.19
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	12	1.19
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	15	1.19
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	15	1.19
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	15	1.19
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	16	1.19
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	16	1.19
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	16	1.19
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	15	1.19
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	15	1.19
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	15	1.19
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	2	1.19
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	2	1.19
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	2	1.19
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	2	1.19
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	2	1.19
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	2	1.19
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	16	1.19
(1,521)	1:879:A:ALA:HB1	1:882:A:PHE:HA	15	1.19
(1,521)	1:879:A:ALA:HB2	1:882:A:PHE:HA	15	1.19
(1,521)	1:879:A:ALA:HB3	1:882:A:PHE:HA	15	1.19
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	1	1.19
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	1	1.19
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	1	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	5	1.19
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	5	1.19
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	5	1.19
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	7	1.19
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	7	1.19
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	7	1.19
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	10	1.19
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	10	1.19
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	10	1.19
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	14	1.19
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	14	1.19
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	14	1.19
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	16	1.19
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	16	1.19
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	16	1.19
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	17	1.19
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	17	1.19
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	17	1.19
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	18	1.19
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	18	1.19
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	18	1.19
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	19	1.19
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	19	1.19
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	19	1.19
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	19	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	8	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	8	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	8	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	11	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	11	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	11	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	15	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	15	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	15	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	19	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	19	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	19	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	20	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	20	1.19
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	20	1.19
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	1	1.19
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	1	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	1	1.19
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	1	1.19
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	1	1.19
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	1	1.19
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	11	1.19
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	14	1.19
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	9	1.19
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	9	1.19
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	10	1.19
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	10	1.19
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	1	1.19
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	1	1.19
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	1	1.19
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	3	1.19
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	3	1.19
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	3	1.19
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	2	1.19
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	2	1.19
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	2	1.19
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	8	1.19
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	13	1.19
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	13	1.19
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	13	1.19
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	11	1.19
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	11	1.19
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	11	1.19
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	20	1.19
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	20	1.19
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	20	1.19
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	8	1.19
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	9	1.19
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	9	1.19
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	16	1.19
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	16	1.19
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	16	1.19
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	16	1.19
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	16	1.19
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	9	1.19
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	16	1.19
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	15	1.19
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	15	1.19
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	15	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	15	1.19
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	15	1.19
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	15	1.19
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	8	1.19
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	8	1.19
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	8	1.19
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	8	1.19
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	8	1.19
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	8	1.19
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	1	1.19
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	2	1.19
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	7	1.19
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	9	1.19
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	10	1.19
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	6	1.19
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	6	1.19
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	6	1.19
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	17	1.19
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	17	1.19
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	17	1.19
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	13	1.19
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	7	1.19
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	7	1.19
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	7	1.19
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	17	1.19
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	17	1.19
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	17	1.19
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	14	1.19
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	14	1.19
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	14	1.19
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	17	1.19
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	17	1.19
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	17	1.19
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	17	1.19
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	17	1.19
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	17	1.19
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	4	1.19
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	4	1.19
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	4	1.19
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	13	1.19
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	13	1.19
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	13	1.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	12	1.19
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	12	1.19
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	12	1.19
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	6	1.19
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	12	1.19
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	20	1.19
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	13	1.19
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	13	1.19
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	13	1.19
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	16	1.19
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	16	1.19
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	16	1.19
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	7	1.19
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	9	1.19
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	1	1.19
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	7	1.19
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	7	1.19
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	7	1.19
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	15	1.19
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	15	1.19
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	15	1.19
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	2	1.19
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	13	1.19
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	17	1.19
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	7	1.19
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	7	1.19
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	7	1.19
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	8	1.19
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	8	1.19
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	8	1.19
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	8	1.19
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	15	1.19
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	15	1.19
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	15	1.19
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	15	1.19
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	1	1.18
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	1	1.18
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	1	1.18
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	1	1.18
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	11	1.18
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	11	1.18
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	19	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	19	1.18
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	18	1.18
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	18	1.18
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	7	1.18
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	7	1.18
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	14	1.18
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	14	1.18
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	15	1.18
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	15	1.18
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	10	1.18
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	10	1.18
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	12	1.18
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	12	1.18
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	17	1.18
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	17	1.18
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	17	1.18
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	17	1.18
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	17	1.18
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	17	1.18
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	12	1.18
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	12	1.18
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	16	1.18
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	16	1.18
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	4	1.18
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	4	1.18
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	18	1.18
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	18	1.18
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	6	1.18
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	6	1.18
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	9	1.18
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	9	1.18
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	18	1.18
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	18	1.18
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	8	1.18
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	8	1.18
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	2	1.18
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	2	1.18
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	16	1.18
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	16	1.18
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	9	1.18
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	9	1.18
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	10	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	10	1.18
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	12	1.18
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	12	1.18
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	16	1.18
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	16	1.18
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB2	11	1.18
(1,3149)	1:842:A:SER:H	1:845:A:LEU:HB3	11	1.18
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	5	1.18
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	5	1.18
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	13	1.18
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	13	1.18
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	13	1.18
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	13	1.18
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	7	1.18
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	7	1.18
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	4	1.18
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	4	1.18
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	14	1.18
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	14	1.18
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	6	1.18
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	6	1.18
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	8	1.18
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	8	1.18
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	20	1.18
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	20	1.18
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	4	1.18
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	4	1.18
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	14	1.18
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	14	1.18
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	15	1.18
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	15	1.18
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	3	1.18
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	3	1.18
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	14	1.18
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	14	1.18
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	14	1.18
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	14	1.18
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	14	1.18
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	14	1.18
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	10	1.18
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	10	1.18
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	11	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	11	1.18
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	11	1.18
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	11	1.18
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	11	1.18
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	11	1.18
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	1	1.18
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	1	1.18
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	10	1.18
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	10	1.18
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	17	1.18
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	17	1.18
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	11	1.18
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	11	1.18
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	11	1.18
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	14	1.18
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	1	1.18
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	18	1.18
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	18	1.18
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	18	1.18
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	7	1.18
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	9	1.18
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	5	1.18
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	5	1.18
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	5	1.18
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	16	1.18
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	16	1.18
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	16	1.18
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	8	1.18
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	8	1.18
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	8	1.18
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	11	1.18
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	11	1.18
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	11	1.18
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	1	1.18
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	1	1.18
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	1	1.18
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	3	1.18
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	3	1.18
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	3	1.18
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	9	1.18
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	9	1.18
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	9	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	3	1.18
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	3	1.18
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	14	1.18
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	14	1.18
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	14	1.18
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	1	1.18
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	1	1.18
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	1	1.18
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	18	1.18
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	18	1.18
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	18	1.18
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	5	1.18
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	5	1.18
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	5	1.18
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	17	1.18
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	17	1.18
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	17	1.18
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	20	1.18
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	20	1.18
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	6	1.18
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	8	1.18
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	8	1.18
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	8	1.18
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	10	1.18
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	10	1.18
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	10	1.18
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	10	1.18
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	10	1.18
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	10	1.18
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	11	1.18
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	11	1.18
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	4	1.18
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	11	1.18
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	12	1.18
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	12	1.18
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	16	1.18
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	16	1.18
(1,2522)	1:854:A:ILE:HB	1:855:A:GLN:HE22	6	1.18
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	19	1.18
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	6	1.18
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	6	1.18
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	6	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	19	1.18
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	19	1.18
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	14	1.18
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	14	1.18
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	8	1.18
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	8	1.18
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	8	1.18
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	8	1.18
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	9	1.18
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	9	1.18
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	9	1.18
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	9	1.18
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	11	1.18
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	7	1.18
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	7	1.18
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	7	1.18
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	11	1.18
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	11	1.18
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE1	7	1.18
(1,2429)	1:867:A:SER:HB3	1:912:A:PHE:HE2	7	1.18
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	15	1.18
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	15	1.18
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	10	1.18
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	10	1.18
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	15	1.18
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	15	1.18
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	3	1.18
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	3	1.18
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	4	1.18
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	4	1.18
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	18	1.18
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	14	1.18
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	14	1.18
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	1	1.18
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	12	1.18
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	12	1.18
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	12	1.18
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	2	1.18
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	2	1.18
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	2	1.18
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	2	1.18
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	2	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	2	1.18
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	11	1.18
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	11	1.18
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	12	1.18
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	12	1.18
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	3	1.18
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	3	1.18
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD1	8	1.18
(1,2298)	1:867:A:SER:HA	1:870:A:TYR:HD2	8	1.18
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	17	1.18
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	17	1.18
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	6	1.18
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	6	1.18
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	6	1.18
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	6	1.18
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	6	1.18
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	6	1.18
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	9	1.18
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	9	1.18
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	9	1.18
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	9	1.18
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	9	1.18
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	9	1.18
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	10	1.18
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	10	1.18
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	20	1.18
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	10	1.18
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	10	1.18
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	17	1.18
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	5	1.18
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	5	1.18
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	1	1.18
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	5	1.18
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	5	1.18
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	13	1.18
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	13	1.18
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	10	1.18
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	10	1.18
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	1	1.18
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	9	1.18
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	9	1.18
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	9	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	11	1.18
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	11	1.18
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	11	1.18
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	13	1.18
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	13	1.18
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	13	1.18
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	13	1.18
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	13	1.18
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	13	1.18
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	17	1.18
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	17	1.18
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	17	1.18
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	16	1.18
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	16	1.18
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	16	1.18
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	1	1.18
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	1	1.18
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	1	1.18
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	5	1.18
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	5	1.18
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	5	1.18
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	16	1.18
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	2	1.18
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	2	1.18
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	2	1.18
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	6	1.18
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	6	1.18
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	6	1.18
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	1	1.18
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	1	1.18
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	1	1.18
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	11	1.18
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	11	1.18
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	11	1.18
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	15	1.18
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	15	1.18
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	15	1.18
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	18	1.18
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	18	1.18
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	18	1.18
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	14	1.18
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	14	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	14	1.18
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	20	1.18
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	20	1.18
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	20	1.18
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	4	1.18
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	16	1.18
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	16	1.18
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG2	14	1.18
(1,1911)	1:899:A:GLN:H	1:899:A:GLN:HG3	14	1.18
(1,1843)	1:891:A:LYS:H	1:892:A:GLY:H	6	1.18
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	7	1.18
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	7	1.18
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	7	1.18
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	12	1.18
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	12	1.18
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	12	1.18
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	20	1.18
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	20	1.18
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	20	1.18
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	1	1.18
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	12	1.18
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	14	1.18
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	18	1.18
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	19	1.18
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	5	1.18
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	5	1.18
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	5	1.18
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	7	1.18
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	7	1.18
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	7	1.18
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	3	1.18
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	19	1.18
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	3	1.18
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	3	1.18
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	3	1.18
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	6	1.18
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	6	1.18
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	6	1.18
(1,1734)	1:841:A:LEU:HD11	1:880:A:GLU:H	18	1.18
(1,1734)	1:841:A:LEU:HD12	1:880:A:GLU:H	18	1.18
(1,1734)	1:841:A:LEU:HD13	1:880:A:GLU:H	18	1.18
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	9	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	9	1.18
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	12	1.18
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	12	1.18
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	12	1.18
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	19	1.18
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	19	1.18
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	19	1.18
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	2	1.18
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	2	1.18
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	10	1.18
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	10	1.18
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	3	1.18
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	3	1.18
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	6	1.18
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	6	1.18
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB2	8	1.18
(1,1688)	1:877:A:SER:H	1:877:A:SER:HB3	8	1.18
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	1	1.18
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	1	1.18
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	1	1.18
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	2	1.18
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	7	1.18
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	11	1.18
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	20	1.18
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	11	1.18
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	11	1.18
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	11	1.18
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	14	1.18
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	14	1.18
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	9	1.18
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	9	1.18
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	9	1.18
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	10	1.18
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	10	1.18
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	10	1.18
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	6	1.18
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	14	1.18
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	14	1.18
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	14	1.18
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	8	1.18
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	20	1.18
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	5	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	14	1.18
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	15	1.18
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	15	1.18
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	15	1.18
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	5	1.18
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	17	1.18
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	4	1.18
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	4	1.18
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	4	1.18
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	17	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	3	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	3	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	3	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	6	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	6	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	6	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	7	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	7	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	7	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	9	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	9	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	9	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	11	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	11	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	11	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	16	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	16	1.18
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	16	1.18
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	14	1.18
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	8	1.18
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	9	1.18
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	9	1.18
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	9	1.18
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	3	1.18
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	3	1.18
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	2	1.18
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	18	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	1	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	1	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	1	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	8	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	8	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	8	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	9	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	9	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	9	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	13	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	13	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	13	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	18	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	18	1.18
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	18	1.18
(1,1398)	1:852:A:LEU:HB3	1:853:A:LEU:H	5	1.18
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	7	1.18
(1,1390)	1:852:A:LEU:H	1:852:A:LEU:HB2	14	1.18
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	8	1.18
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	1	1.18
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	1	1.18
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	1	1.18
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	2	1.18
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	9	1.18
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	9	1.18
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	9	1.18
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	5	1.18
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	5	1.18
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	20	1.18
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	20	1.18
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	20	1.18
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	2	1.18
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	2	1.18
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	2	1.18
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	9	1.18
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	9	1.18
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	9	1.18
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	14	1.18
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	18	1.18
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	3	1.18
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	3	1.18
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	1	1.18
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	7	1.18
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	17	1.18
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	6	1.18
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	15	1.18
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	9	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	9	1.18
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	9	1.18
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	19	1.18
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	19	1.18
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	19	1.18
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	1	1.18
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	11	1.18
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	11	1.18
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	11	1.18
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	6	1.18
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	6	1.18
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	6	1.18
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	9	1.18
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	9	1.18
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	9	1.18
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	19	1.18
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	19	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	1	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	1	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	2	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	2	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	5	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	5	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	7	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	7	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	10	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	10	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	18	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	18	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	19	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	19	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	20	1.18
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	20	1.18
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	12	1.18
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	14	1.18
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	20	1.18
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	17	1.18
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	17	1.18
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	16	1.18
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	16	1.18
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	16	1.18
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	3	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	3	1.18
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	3	1.18
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	6	1.18
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	6	1.18
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	6	1.18
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	7	1.18
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	7	1.18
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	7	1.18
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	3	1.18
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	3	1.18
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	3	1.18
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	11	1.18
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	11	1.18
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	7	1.18
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	7	1.18
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	7	1.18
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	5	1.18
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	5	1.18
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	5	1.18
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	1	1.18
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	7	1.18
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	19	1.18
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	14	1.18
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	17	1.18
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	17	1.18
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	20	1.18
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	20	1.18
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	7	1.18
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	7	1.18
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	3	1.18
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	13	1.18
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	20	1.18
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD21	12	1.18
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD22	12	1.18
(1,857)	1:850:A:PHE:HD1	1:876:A:LEU:HD23	12	1.18
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD21	12	1.18
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD22	12	1.18
(1,857)	1:850:A:PHE:HD2	1:876:A:LEU:HD23	12	1.18
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	18	1.18
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	18	1.18
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	7	1.18
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	7	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	7	1.18
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	7	1.18
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	7	1.18
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	7	1.18
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	6	1.18
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	6	1.18
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	6	1.18
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	20	1.18
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	20	1.18
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	20	1.18
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	3	1.18
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	3	1.18
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	3	1.18
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	11	1.18
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	11	1.18
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	11	1.18
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	19	1.18
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	19	1.18
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	19	1.18
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	19	1.18
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	19	1.18
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	16	1.18
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	16	1.18
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	16	1.18
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	2	1.18
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	2	1.18
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	2	1.18
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	3	1.18
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	3	1.18
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	4	1.18
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	4	1.18
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	7	1.18
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	7	1.18
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	9	1.18
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	9	1.18
(1,703)	1:902:A:GLU:HB2	1:902:A:GLU:HG3	12	1.18
(1,703)	1:902:A:GLU:HB3	1:902:A:GLU:HG3	12	1.18
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	15	1.18
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	15	1.18
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	5	1.18
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	5	1.18
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	5	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	6	1.18
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	6	1.18
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	9	1.18
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	9	1.18
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	9	1.18
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	9	1.18
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	9	1.18
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	9	1.18
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	1	1.18
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	15	1.18
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	15	1.18
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	10	1.18
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	10	1.18
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	10	1.18
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	10	1.18
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	10	1.18
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	10	1.18
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	6	1.18
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	6	1.18
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	6	1.18
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	16	1.18
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	16	1.18
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	16	1.18
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	2	1.18
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	2	1.18
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	2	1.18
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	3	1.18
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	3	1.18
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	3	1.18
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	3	1.18
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	3	1.18
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	3	1.18
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	7	1.18
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	17	1.18
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	17	1.18
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	17	1.18
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	17	1.18
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	4	1.18
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	16	1.18
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	16	1.18
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	16	1.18
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	3	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	3	1.18
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	3	1.18
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	4	1.18
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	4	1.18
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	4	1.18
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	8	1.18
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	8	1.18
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	8	1.18
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	9	1.18
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	9	1.18
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	9	1.18
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	12	1.18
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	12	1.18
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	12	1.18
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	20	1.18
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	20	1.18
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	20	1.18
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	10	1.18
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB3	2	1.18
(1,500)	1:875:A:TYR:HA	1:878:A:LYS:HB2	2	1.18
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	2	1.18
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	2	1.18
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	2	1.18
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	6	1.18
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	6	1.18
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	6	1.18
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	12	1.18
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	12	1.18
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	12	1.18
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	7	1.18
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	7	1.18
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	7	1.18
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	7	1.18
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	7	1.18
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	7	1.18
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	10	1.18
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	10	1.18
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	19	1.18
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	19	1.18
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	19	1.18
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	10	1.18
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	15	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	16	1.18
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	16	1.18
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	16	1.18
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	4	1.18
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	4	1.18
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	4	1.18
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	13	1.18
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	15	1.18
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	15	1.18
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	15	1.18
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	15	1.18
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	2	1.18
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	2	1.18
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	2	1.18
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	7	1.18
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	7	1.18
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	7	1.18
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	19	1.18
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	19	1.18
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	19	1.18
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	11	1.18
(1,375)	1:861:A:LEU:HA	1:864:A:LYS:HB2	8	1.18
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	19	1.18
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG22	13	1.18
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG23	13	1.18
(1,286)	1:817:A:SER:HB2	1:849:A:THR:HG21	13	1.18
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	14	1.18
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	18	1.18
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	9	1.18
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	9	1.18
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	16	1.18
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	16	1.18
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	4	1.18
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	4	1.18
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	4	1.18
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	8	1.18
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	8	1.18
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	12	1.18
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	7	1.18
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	17	1.18
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	17	1.18
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	17	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	3	1.18
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	3	1.18
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	3	1.18
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	13	1.18
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	13	1.18
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	13	1.18
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	19	1.18
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	19	1.18
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	19	1.18
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	1	1.18
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	1	1.18
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	1	1.18
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	18	1.18
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	18	1.18
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	18	1.18
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	19	1.18
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	19	1.18
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	19	1.18
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	1	1.18
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	1	1.18
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	1	1.18
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	11	1.18
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	18	1.18
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	17	1.18
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	17	1.18
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	6	1.18
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	6	1.18
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	9	1.18
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	9	1.18
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	9	1.18
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	14	1.18
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	18	1.18
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	18	1.18
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	18	1.18
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	2	1.18
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	2	1.18
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	2	1.18
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	14	1.18
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	14	1.18
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	14	1.18
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	17	1.18
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	17	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	17	1.18
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	1	1.18
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	1	1.18
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	1	1.18
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	3	1.18
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	19	1.18
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	19	1.18
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG12	13	1.18
(1,77)	1:813:A:ILE:HA	1:813:A:ILE:HG13	13	1.18
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	19	1.18
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	8	1.18
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	8	1.18
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	8	1.18
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	12	1.18
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	4	1.18
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	4	1.18
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	4	1.18
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	9	1.18
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	18	1.18
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	18	1.18
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	18	1.18
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	18	1.18
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	6	1.17
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	6	1.17
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	6	1.17
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	6	1.17
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	13	1.17
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	13	1.17
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	19	1.17
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	19	1.17
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	10	1.17
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	10	1.17
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	8	1.17
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	8	1.17
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	1	1.17
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	1	1.17
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	4	1.17
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	4	1.17
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	6	1.17
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	6	1.17
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	6	1.17
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	6	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	1	1.17
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	1	1.17
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	2	1.17
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	2	1.17
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	2	1.17
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	2	1.17
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	11	1.17
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	11	1.17
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	7	1.17
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	7	1.17
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	1	1.17
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	1	1.17
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	3	1.17
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	3	1.17
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	3	1.17
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	3	1.17
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	4	1.17
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	4	1.17
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	20	1.17
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	20	1.17
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	18	1.17
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	18	1.17
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	9	1.17
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	9	1.17
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	10	1.17
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	10	1.17
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	11	1.17
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	11	1.17
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	9	1.17
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	9	1.17
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	9	1.17
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	9	1.17
(1,3094)	1:822:A:LYS:HG2	1:856:A:SER:H	14	1.17
(1,3094)	1:822:A:LYS:HG3	1:856:A:SER:H	14	1.17
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	7	1.17
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	7	1.17
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	19	1.17
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	19	1.17
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	14	1.17
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	14	1.17
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	20	1.17
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	20	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	1	1.17
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	1	1.17
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	1	1.17
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	1	1.17
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	1	1.17
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	1	1.17
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB2	13	1.17
(1,3079)	1:813:A:ILE:HG21	1:817:A:SER:HB3	13	1.17
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB2	13	1.17
(1,3079)	1:813:A:ILE:HG22	1:817:A:SER:HB3	13	1.17
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB2	13	1.17
(1,3079)	1:813:A:ILE:HG23	1:817:A:SER:HB3	13	1.17
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	13	1.17
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	13	1.17
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	7	1.17
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	7	1.17
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	7	1.17
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	7	1.17
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	19	1.17
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	19	1.17
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	11	1.17
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	11	1.17
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	11	1.17
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	8	1.17
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	8	1.17
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	8	1.17
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	19	1.17
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	18	1.17
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	4	1.17
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	17	1.17
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	12	1.17
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	12	1.17
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	12	1.17
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	6	1.17
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	6	1.17
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	6	1.17
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	6	1.17
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	20	1.17
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	20	1.17
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	20	1.17
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	15	1.17
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	15	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	15	1.17
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	9	1.17
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	9	1.17
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	9	1.17
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	1	1.17
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	1	1.17
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	1	1.17
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	1	1.17
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	1	1.17
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	1	1.17
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	10	1.17
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	10	1.17
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	10	1.17
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	7	1.17
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	7	1.17
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	7	1.17
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	19	1.17
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	19	1.17
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	19	1.17
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	12	1.17
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	12	1.17
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	12	1.17
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	4	1.17
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	4	1.17
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	4	1.17
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	11	1.17
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	11	1.17
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	11	1.17
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	8	1.17
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	20	1.17
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	8	1.17
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	3	1.17
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	3	1.17
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	3	1.17
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	9	1.17
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	9	1.17
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	9	1.17
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	17	1.17
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	17	1.17
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	17	1.17
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	3	1.17
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	3	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	10	1.17
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	3	1.17
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	3	1.17
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	15	1.17
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	15	1.17
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	15	1.17
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	15	1.17
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	15	1.17
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	15	1.17
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	17	1.17
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	17	1.17
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	17	1.17
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	17	1.17
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	17	1.17
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	17	1.17
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	9	1.17
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	9	1.17
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	14	1.17
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	14	1.17
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	11	1.17
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	11	1.17
(1,2577)	1:870:A:TYR:HE2	1:917:A:ILE:HG12	4	1.17
(1,2577)	1:870:A:TYR:HE1	1:917:A:ILE:HG12	4	1.17
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	15	1.17
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	15	1.17
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	4	1.17
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	4	1.17
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	5	1.17
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	2	1.17
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	2	1.17
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	19	1.17
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	19	1.17
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	20	1.17
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	20	1.17
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	15	1.17
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	15	1.17
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	10	1.17
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	10	1.17
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	7	1.17
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	7	1.17
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	7	1.17
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	7	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	8	1.17
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	18	1.17
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	3	1.17
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	2	1.17
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	5	1.17
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	5	1.17
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	12	1.17
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	12	1.17
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	13	1.17
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	13	1.17
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	7	1.17
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	7	1.17
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	2	1.17
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	12	1.17
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	17	1.17
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	7	1.17
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	7	1.17
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	20	1.17
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	20	1.17
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	17	1.17
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	17	1.17
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	17	1.17
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	17	1.17
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	17	1.17
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	17	1.17
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	17	1.17
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	17	1.17
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	9	1.17
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	9	1.17
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	3	1.17
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	3	1.17
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	15	1.17
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	15	1.17
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	5	1.17
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	5	1.17
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	5	1.17
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	5	1.17
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	5	1.17
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	5	1.17
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	8	1.17
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	8	1.17
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	8	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	8	1.17
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	8	1.17
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	8	1.17
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	11	1.17
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	11	1.17
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	11	1.17
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	11	1.17
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	11	1.17
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	11	1.17
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	17	1.17
(1,2314)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	17	1.17
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	5	1.17
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	5	1.17
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	14	1.17
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	14	1.17
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	14	1.17
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	14	1.17
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	14	1.17
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	14	1.17
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	15	1.17
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	15	1.17
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	15	1.17
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	15	1.17
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	15	1.17
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	15	1.17
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	19	1.17
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	19	1.17
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	19	1.17
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	19	1.17
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	19	1.17
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	19	1.17
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	7	1.17
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	16	1.17
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	16	1.17
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	12	1.17
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	12	1.17
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	16	1.17
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	16	1.17
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	2	1.17
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	2	1.17
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	2	1.17
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	7	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	7	1.17
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	7	1.17
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	15	1.17
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	15	1.17
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	17	1.17
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	17	1.17
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	18	1.17
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	18	1.17
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	4	1.17
(1,2150)	1:921:A:LYS:H	1:921:A:LYS:HG3	13	1.17
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	16	1.17
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	16	1.17
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	5	1.17
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	5	1.17
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	5	1.17
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	13	1.17
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	3	1.17
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	3	1.17
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	3	1.17
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	3	1.17
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	3	1.17
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	12	1.17
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	12	1.17
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	11	1.17
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	17	1.17
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	8	1.17
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	19	1.17
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	19	1.17
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	3	1.17
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	1	1.17
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	1	1.17
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	13	1.17
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	16	1.17
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	16	1.17
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	16	1.17
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	20	1.17
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	20	1.17
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	20	1.17
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	20	1.17
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	10	1.17
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	10	1.17
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	12	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	12	1.17
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	15	1.17
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	15	1.17
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	9	1.17
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	9	1.17
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	9	1.17
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	2	1.17
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	2	1.17
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	2	1.17
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	9	1.17
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	8	1.17
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	8	1.17
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	8	1.17
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	11	1.17
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	11	1.17
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	11	1.17
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	17	1.17
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	20	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	1	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	1	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	1	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	10	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	10	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	10	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	13	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	13	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	13	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	14	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	14	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	14	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	15	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	15	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	15	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	19	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	19	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	19	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	20	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	20	1.17
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	20	1.17
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	2	1.17
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	2	1.17
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	2	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	3	1.17
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	3	1.17
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	3	1.17
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	8	1.17
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	8	1.17
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	8	1.17
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	9	1.17
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	9	1.17
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	9	1.17
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	14	1.17
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	14	1.17
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	14	1.17
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	3	1.17
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	3	1.17
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	3	1.17
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	8	1.17
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	8	1.17
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	8	1.17
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	13	1.17
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	13	1.17
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	13	1.17
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	18	1.17
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	18	1.17
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	18	1.17
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	11	1.17
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	11	1.17
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	7	1.17
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	7	1.17
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	17	1.17
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	11	1.17
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	11	1.17
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	11	1.17
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	7	1.17
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	17	1.17
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	17	1.17
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	8	1.17
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	8	1.17
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	8	1.17
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	15	1.17
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	15	1.17
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	15	1.17
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	5	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	5	1.17
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	5	1.17
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	2	1.17
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	12	1.17
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	5	1.17
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	5	1.17
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	5	1.17
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	12	1.17
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	12	1.17
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	12	1.17
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	4	1.17
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	17	1.17
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	1	1.17
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	1	1.17
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	1	1.17
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	20	1.17
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	20	1.17
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	20	1.17
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	10	1.17
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	10	1.17
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	11	1.17
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	11	1.17
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	14	1.17
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	14	1.17
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	1	1.17
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	1	1.17
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	7	1.17
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	7	1.17
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	7	1.17
(1,1596)	1:918:A:GLN:HB3	1:918:A:GLN:HE21	17	1.17
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	5	1.17
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	5	1.17
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	5	1.17
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	12	1.17
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	12	1.17
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	12	1.17
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	7	1.17
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	7	1.17
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	7	1.17
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	4	1.17
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	4	1.17
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	2	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	6	1.17
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	12	1.17
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	6	1.17
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	6	1.17
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	17	1.17
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	17	1.17
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	1	1.17
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	19	1.17
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	3	1.17
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	16	1.17
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	18	1.17
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	11	1.17
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	9	1.17
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	9	1.17
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	18	1.17
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	18	1.17
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	18	1.17
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	10	1.17
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	15	1.17
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	18	1.17
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	18	1.17
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	18	1.17
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	4	1.17
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	14	1.17
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	15	1.17
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	10	1.17
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	10	1.17
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	10	1.17
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	12	1.17
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	12	1.17
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	12	1.17
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	16	1.17
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	16	1.17
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	16	1.17
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	6	1.17
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	19	1.17
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	9	1.17
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	9	1.17
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	17	1.17
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	17	1.17
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	6	1.17
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	6	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	6	1.17
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	11	1.17
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	11	1.17
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	11	1.17
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	16	1.17
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	16	1.17
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	8	1.17
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	8	1.17
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	8	1.17
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	20	1.17
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	20	1.17
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	20	1.17
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	15	1.17
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	15	1.17
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	15	1.17
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	14	1.17
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	14	1.17
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	19	1.17
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	19	1.17
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	19	1.17
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	13	1.17
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	13	1.17
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	13	1.17
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	1	1.17
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	1	1.17
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	6	1.17
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	5	1.17
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	19	1.17
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	19	1.17
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	19	1.17
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	9	1.17
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	14	1.17
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	20	1.17
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	15	1.17
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	15	1.17
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	15	1.17
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	1	1.17
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	19	1.17
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	19	1.17
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	19	1.17
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG22	6	1.17
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG23	6	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1215)	1:831:A:ILE:H	1:831:A:ILE:HG21	6	1.17
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	11	1.17
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	11	1.17
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	16	1.17
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	19	1.17
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	15	1.17
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	15	1.17
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	15	1.17
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	6	1.17
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	6	1.17
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	6	1.17
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	8	1.17
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	8	1.17
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	8	1.17
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	3	1.17
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	3	1.17
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	3	1.17
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	13	1.17
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	13	1.17
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	13	1.17
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	15	1.17
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	15	1.17
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	15	1.17
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	18	1.17
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	18	1.17
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	18	1.17
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	2	1.17
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	2	1.17
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	2	1.17
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	15	1.17
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	15	1.17
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	15	1.17
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	20	1.17
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	20	1.17
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	20	1.17
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB2	14	1.17
(1,1123)	1:822:A:LYS:H	1:822:A:LYS:HB3	14	1.17
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	14	1.17
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	14	1.17
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	1	1.17
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	1	1.17
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	9	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	9	1.17
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	12	1.17
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	12	1.17
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	4	1.17
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	4	1.17
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	20	1.17
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	20	1.17
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	20	1.17
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	14	1.17
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	14	1.17
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	14	1.17
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	3	1.17
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	9	1.17
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	17	1.17
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	6	1.17
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	9	1.17
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	11	1.17
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	13	1.17
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	12	1.17
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	12	1.17
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	12	1.17
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	20	1.17
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	20	1.17
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	20	1.17
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD21	8	1.17
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD22	8	1.17
(1,1047)	1:815:A:ALA:H	1:816:A:LEU:HD23	8	1.17
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	16	1.17
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	5	1.17
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	5	1.17
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	14	1.17
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	14	1.17
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	16	1.17
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	6	1.17
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	6	1.17
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	16	1.17
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	16	1.17
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	4	1.17
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	5	1.17
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	20	1.17
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	1	1.17
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	18	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	11	1.17
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	11	1.17
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	20	1.17
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	5	1.17
(1,922)	1:804:A:ASN:H	1:804:A:ASN:HB2	16	1.17
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	17	1.17
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	17	1.17
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	17	1.17
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	2	1.17
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD21	11	1.17
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD22	11	1.17
(1,836)	1:868:A:LEU:HA	1:868:A:LEU:HD23	11	1.17
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	16	1.17
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	16	1.17
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	16	1.17
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	17	1.17
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	17	1.17
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	17	1.17
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	1	1.17
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	1	1.17
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	3	1.17
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	12	1.17
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	12	1.17
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	12	1.17
(1,786)	1:901:A:PHE:HD2	1:921:A:LYS:HA	3	1.17
(1,786)	1:901:A:PHE:HD1	1:921:A:LYS:HA	3	1.17
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	5	1.17
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	5	1.17
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	5	1.17
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	17	1.17
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	17	1.17
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	17	1.17
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	5	1.17
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	16	1.17
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	16	1.17
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	7	1.17
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	7	1.17
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	7	1.17
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	18	1.17
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	9	1.17
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	9	1.17
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	9	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	19	1.17
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	19	1.17
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	14	1.17
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	14	1.17
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	14	1.17
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	9	1.17
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	1	1.17
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	1	1.17
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	1	1.17
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	7	1.17
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	5	1.17
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	5	1.17
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	6	1.17
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	20	1.17
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	20	1.17
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	19	1.17
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	19	1.17
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	19	1.17
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	13	1.17
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	13	1.17
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	13	1.17
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	11	1.17
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	11	1.17
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	11	1.17
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	11	1.17
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	11	1.17
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	11	1.17
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	10	1.17
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	10	1.17
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	10	1.17
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	10	1.17
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	10	1.17
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	10	1.17
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	3	1.17
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	3	1.17
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	3	1.17
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	3	1.17
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	4	1.17
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	18	1.17
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	18	1.17
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	18	1.17
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	5	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	5	1.17
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	5	1.17
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	12	1.17
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	12	1.17
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	12	1.17
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	2	1.17
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	2	1.17
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	2	1.17
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	11	1.17
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	11	1.17
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	11	1.17
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	13	1.17
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	13	1.17
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	13	1.17
(1,515)	1:845:A:LEU:HD11	1:879:A:ALA:HA	15	1.17
(1,515)	1:845:A:LEU:HD12	1:879:A:ALA:HA	15	1.17
(1,515)	1:845:A:LEU:HD13	1:879:A:ALA:HA	15	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	1	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	1	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	1	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	5	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	5	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	5	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	10	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	10	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	10	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	13	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	13	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	13	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	16	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	16	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	16	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	18	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	18	1.17
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	18	1.17
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	6	1.17
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	6	1.17
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	6	1.17
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	6	1.17
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	6	1.17
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	6	1.17
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	12	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	12	1.17
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	12	1.17
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	12	1.17
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	12	1.17
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	12	1.17
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	17	1.17
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	17	1.17
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	17	1.17
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	17	1.17
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	17	1.17
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	17	1.17
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	13	1.17
(1,472)	1:873:A:LEU:HD11	1:900:A:LEU:HA	6	1.17
(1,472)	1:873:A:LEU:HD12	1:900:A:LEU:HA	6	1.17
(1,472)	1:873:A:LEU:HD13	1:900:A:LEU:HA	6	1.17
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	9	1.17
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	3	1.17
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	4	1.17
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	7	1.17
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	8	1.17
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	17	1.17
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	17	1.17
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	11	1.17
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	11	1.17
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	11	1.17
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	10	1.17
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	10	1.17
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	10	1.17
(1,383)	1:858:A:LYS:HA	1:862:A:ILE:HB	20	1.17
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	12	1.17
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	12	1.17
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	12	1.17
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	1	1.17
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	6	1.17
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	14	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	2	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	2	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	2	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	9	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	9	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	9	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	11	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	11	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	11	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	12	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	12	1.17
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	12	1.17
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	18	1.17
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	18	1.17
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	18	1.17
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	18	1.17
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	2	1.17
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE1	20	1.17
(1,255)	1:839:A:MET:HE1	1:840:A:PHE:HE2	20	1.17
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE1	20	1.17
(1,255)	1:839:A:MET:HE2	1:840:A:PHE:HE2	20	1.17
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE1	20	1.17
(1,255)	1:839:A:MET:HE3	1:840:A:PHE:HE2	20	1.17
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	6	1.17
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	6	1.17
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	6	1.17
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	11	1.17
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	11	1.17
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	11	1.17
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	20	1.17
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	20	1.17
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	20	1.17
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	3	1.17
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	3	1.17
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	3	1.17
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	4	1.17
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	5	1.17
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	7	1.17
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	8	1.17
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	15	1.17
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	9	1.17
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	20	1.17
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	20	1.17
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	20	1.17
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	4	1.17
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	4	1.17
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	4	1.17
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	16	1.17
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	16	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	16	1.17
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	8	1.17
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	4	1.17
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	4	1.17
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	4	1.17
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	3	1.17
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	3	1.17
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	6	1.17
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	6	1.17
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	18	1.17
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	15	1.17
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	3	1.17
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	3	1.17
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	3	1.17
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	3	1.17
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	3	1.17
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	3	1.17
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD21	16	1.17
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD22	16	1.17
(1,121)	1:816:A:LEU:HB2	1:816:A:LEU:HD23	16	1.17
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	7	1.17
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	7	1.17
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	7	1.17
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	11	1.17
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	11	1.17
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	11	1.17
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	5	1.17
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	11	1.17
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	15	1.17
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	18	1.17
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	1	1.17
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	8	1.17
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	16	1.17
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	16	1.17
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	16	1.17
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	4	1.17
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	4	1.17
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	4	1.17
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	9	1.17
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	9	1.17
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	9	1.17
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	17	1.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	17	1.17
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	17	1.17
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	17	1.17
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	3	1.17
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	15	1.17
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	15	1.17
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	15	1.17
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	15	1.17
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	15	1.17
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	15	1.17
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	13	1.17
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	13	1.17
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	13	1.17
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	16	1.17
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	16	1.17
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	16	1.17
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	3	1.17
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	18	1.17
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	18	1.17
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	18	1.17
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	12	1.17
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	12	1.17
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	12	1.17
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	12	1.17
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	6	1.16
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	6	1.16
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	13	1.16
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	13	1.16
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	13	1.16
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	13	1.16
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	20	1.16
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	20	1.16
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	2	1.16
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	2	1.16
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	7	1.16
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	7	1.16
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	13	1.16
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	13	1.16
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	16	1.16
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	16	1.16
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	12	1.16
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	12	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	12	1.16
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	12	1.16
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	16	1.16
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	16	1.16
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	16	1.16
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	16	1.16
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB3	3	1.16
(1,3263)	1:870:A:TYR:H	1:870:A:TYR:HB2	3	1.16
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	6	1.16
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	6	1.16
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	19	1.16
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	19	1.16
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	10	1.16
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	10	1.16
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	9	1.16
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	9	1.16
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	4	1.16
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	4	1.16
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	10	1.16
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	10	1.16
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	3	1.16
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	3	1.16
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	19	1.16
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	19	1.16
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	19	1.16
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	19	1.16
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	15	1.16
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	15	1.16
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	2	1.16
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	2	1.16
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	2	1.16
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	2	1.16
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	2	1.16
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	2	1.16
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	15	1.16
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	15	1.16
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	5	1.16
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	5	1.16
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	16	1.16
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	16	1.16
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG2	8	1.16
(1,3054)	1:807:A:TYR:HD1	1:808:A:GLU:HG3	8	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG2	8	1.16
(1,3054)	1:807:A:TYR:HD2	1:808:A:GLU:HG3	8	1.16
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	2	1.16
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	2	1.16
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	15	1.16
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	15	1.16
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	14	1.16
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	14	1.16
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	3	1.16
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	3	1.16
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	8	1.16
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	8	1.16
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	8	1.16
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	18	1.16
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	18	1.16
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	18	1.16
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	2	1.16
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	2	1.16
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	2	1.16
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	13	1.16
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	13	1.16
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	15	1.16
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	15	1.16
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	16	1.16
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	16	1.16
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	4	1.16
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	18	1.16
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	18	1.16
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	18	1.16
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	13	1.16
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	13	1.16
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	11	1.16
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	11	1.16
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	11	1.16
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	9	1.16
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	9	1.16
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	9	1.16
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	9	1.16
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	9	1.16
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	9	1.16
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD13	19	1.16
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD11	19	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2845)	1:871:A:GLN:HG2	1:874:A:LEU:HD12	19	1.16
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	11	1.16
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	11	1.16
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	11	1.16
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	7	1.16
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	7	1.16
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	7	1.16
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	8	1.16
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	8	1.16
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	8	1.16
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	1	1.16
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	1	1.16
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	1	1.16
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	6	1.16
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	6	1.16
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	6	1.16
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	14	1.16
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	14	1.16
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	14	1.16
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	5	1.16
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	5	1.16
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	5	1.16
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	4	1.16
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	19	1.16
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	12	1.16
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	12	1.16
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	12	1.16
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	12	1.16
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	12	1.16
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	12	1.16
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	13	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	2	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	2	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	2	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	3	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	3	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	3	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	4	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	4	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	4	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	5	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	5	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	5	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	15	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	15	1.16
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	15	1.16
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	3	1.16
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	2	1.16
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	2	1.16
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	10	1.16
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	10	1.16
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	14	1.16
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	7	1.16
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	7	1.16
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	7	1.16
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	7	1.16
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	7	1.16
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	7	1.16
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	20	1.16
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	20	1.16
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	20	1.16
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	10	1.16
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	10	1.16
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	10	1.16
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	11	1.16
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	11	1.16
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	11	1.16
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	15	1.16
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	15	1.16
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	15	1.16
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	8	1.16
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	8	1.16
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	8	1.16
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	18	1.16
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	18	1.16
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	18	1.16
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	12	1.16
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	12	1.16
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	12	1.16
(1,2596)	1:845:A:LEU:HD21	1:849:A:THR:H	19	1.16
(1,2596)	1:845:A:LEU:HD22	1:849:A:THR:H	19	1.16
(1,2596)	1:845:A:LEU:HD23	1:849:A:THR:H	19	1.16
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	2	1.16
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	2	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	11	1.16
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	11	1.16
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	11	1.16
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	16	1.16
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	16	1.16
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	16	1.16
(1,2547)	1:901:A:PHE:HD2	1:904:A:LEU:HB2	2	1.16
(1,2547)	1:901:A:PHE:HD1	1:904:A:LEU:HB2	2	1.16
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	16	1.16
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	9	1.16
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	9	1.16
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE1	18	1.16
(1,2535)	1:873:A:LEU:HB3	1:924:A:TYR:HE2	18	1.16
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	1	1.16
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	20	1.16
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	20	1.16
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	1	1.16
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	1	1.16
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	13	1.16
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	13	1.16
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	13	1.16
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	13	1.16
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	7	1.16
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	7	1.16
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	5	1.16
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	5	1.16
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	6	1.16
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	6	1.16
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	15	1.16
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	15	1.16
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	18	1.16
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	18	1.16
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	18	1.16
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	18	1.16
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	14	1.16
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	14	1.16
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	2	1.16
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	9	1.16
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	14	1.16
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	14	1.16
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	9	1.16
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	8	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	8	1.16
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	15	1.16
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	4	1.16
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	4	1.16
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	4	1.16
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	4	1.16
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	4	1.16
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	4	1.16
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	4	1.16
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD2	2	1.16
(1,2381)	1:901:A:PHE:HA	1:901:A:PHE:HD1	2	1.16
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	10	1.16
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	10	1.16
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	10	1.16
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	10	1.16
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD1	9	1.16
(1,2362)	1:832:A:THR:HG21	1:840:A:PHE:HD2	9	1.16
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD1	9	1.16
(1,2362)	1:832:A:THR:HG22	1:840:A:PHE:HD2	9	1.16
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD1	9	1.16
(1,2362)	1:832:A:THR:HG23	1:840:A:PHE:HD2	9	1.16
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	18	1.16
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	18	1.16
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	18	1.16
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	18	1.16
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	18	1.16
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	18	1.16
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	7	1.16
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	7	1.16
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	2	1.16
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	2	1.16
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	1	1.16
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	1	1.16
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	1	1.16
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	1	1.16
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	1	1.16
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	1	1.16
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	5	1.16
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	5	1.16
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	9	1.16
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	12	1.16
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	12	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	12	1.16
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	14	1.16
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	14	1.16
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	2	1.16
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	9	1.16
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	9	1.16
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	14	1.16
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	14	1.16
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	3	1.16
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	3	1.16
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	3	1.16
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	16	1.16
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	16	1.16
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	16	1.16
(1,2205)	1:924:A:TYR:H	1:924:A:TYR:HB2	14	1.16
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	1	1.16
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	1	1.16
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	5	1.16
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	5	1.16
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	4	1.16
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	4	1.16
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	20	1.16
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	20	1.16
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	20	1.16
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	20	1.16
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	20	1.16
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	1	1.16
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	12	1.16
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	14	1.16
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	20	1.16
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	20	1.16
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	20	1.16
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	8	1.16
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	8	1.16
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	8	1.16
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	20	1.16
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	20	1.16
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	20	1.16
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	3	1.16
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	3	1.16
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	3	1.16
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	3	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	7	1.16
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	7	1.16
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	7	1.16
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	13	1.16
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	13	1.16
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	13	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	3	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	3	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	3	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	4	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	4	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	4	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	17	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	17	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	17	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	18	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	18	1.16
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	18	1.16
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	4	1.16
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	4	1.16
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	4	1.16
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	6	1.16
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	6	1.16
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	6	1.16
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	7	1.16
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	7	1.16
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	7	1.16
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	10	1.16
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	10	1.16
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	10	1.16
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	12	1.16
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	12	1.16
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	12	1.16
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	13	1.16
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	13	1.16
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	13	1.16
(1,1952)	1:869:A:VAL:HG11	1:901:A:PHE:H	17	1.16
(1,1952)	1:869:A:VAL:HG12	1:901:A:PHE:H	17	1.16
(1,1952)	1:869:A:VAL:HG13	1:901:A:PHE:H	17	1.16
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	4	1.16
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	4	1.16
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	4	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1951)	1:862:A:ILE:HD11	1:901:A:PHE:H	19	1.16
(1,1951)	1:862:A:ILE:HD12	1:901:A:PHE:H	19	1.16
(1,1951)	1:862:A:ILE:HD13	1:901:A:PHE:H	19	1.16
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	12	1.16
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	12	1.16
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	20	1.16
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	20	1.16
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	14	1.16
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	14	1.16
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	14	1.16
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	4	1.16
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	4	1.16
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	13	1.16
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	13	1.16
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB2	7	1.16
(1,1840)	1:891:A:LYS:H	1:891:A:LYS:HB3	7	1.16
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	7	1.16
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	4	1.16
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	10	1.16
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	20	1.16
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	14	1.16
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	14	1.16
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	14	1.16
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	20	1.16
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	20	1.16
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	20	1.16
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	2	1.16
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	2	1.16
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	2	1.16
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	2	1.16
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	2	1.16
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	2	1.16
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	3	1.16
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	2	1.16
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	2	1.16
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	2	1.16
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	7	1.16
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	7	1.16
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	7	1.16
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	13	1.16
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	13	1.16
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	13	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	1	1.16
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	13	1.16
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	15	1.16
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	15	1.16
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	15	1.16
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	19	1.16
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	19	1.16
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	19	1.16
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	4	1.16
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	4	1.16
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	4	1.16
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	9	1.16
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	9	1.16
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	9	1.16
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	13	1.16
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	13	1.16
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	1	1.16
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	3	1.16
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	5	1.16
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	10	1.16
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	15	1.16
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	19	1.16
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	8	1.16
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	8	1.16
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	8	1.16
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	2	1.16
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	2	1.16
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	8	1.16
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	8	1.16
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	2	1.16
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	2	1.16
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	2	1.16
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	12	1.16
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	12	1.16
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	12	1.16
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	11	1.16
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	11	1.16
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	4	1.16
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	4	1.16
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	4	1.16
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	13	1.16
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	13	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	13	1.16
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	1	1.16
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	7	1.16
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	18	1.16
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	4	1.16
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	14	1.16
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	19	1.16
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	3	1.16
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	3	1.16
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	4	1.16
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	11	1.16
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	9	1.16
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	4	1.16
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	4	1.16
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	4	1.16
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	4	1.16
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	15	1.16
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	15	1.16
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	15	1.16
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	1	1.16
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	16	1.16
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	20	1.16
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB2	20	1.16
(1,1472)	1:858:A:LYS:H	1:859:A:ASN:HB3	20	1.16
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	3	1.16
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	3	1.16
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	3	1.16
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	5	1.16
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	5	1.16
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	5	1.16
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD11	11	1.16
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD12	11	1.16
(1,1405)	1:853:A:LEU:H	1:853:A:LEU:HD13	11	1.16
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	6	1.16
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	6	1.16
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	3	1.16
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	9	1.16
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	14	1.16
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	17	1.16
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	15	1.16
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	15	1.16
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	18	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	18	1.16
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	18	1.16
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	3	1.16
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	3	1.16
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	3	1.16
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	20	1.16
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	20	1.16
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	20	1.16
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	2	1.16
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	2	1.16
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	7	1.16
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	7	1.16
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	15	1.16
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	15	1.16
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	9	1.16
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	9	1.16
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	9	1.16
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	10	1.16
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	10	1.16
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	10	1.16
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	10	1.16
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	10	1.16
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	10	1.16
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	12	1.16
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	12	1.16
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	12	1.16
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	11	1.16
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	13	1.16
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	20	1.16
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	20	1.16
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	7	1.16
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	3	1.16
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	11	1.16
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	11	1.16
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	11	1.16
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	12	1.16
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	11	1.16
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	11	1.16
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	11	1.16
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	11	1.16
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	11	1.16
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	6	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	6	1.16
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	9	1.16
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	9	1.16
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	13	1.16
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	13	1.16
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	3	1.16
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	17	1.16
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	12	1.16
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	12	1.16
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	14	1.16
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	14	1.16
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	14	1.16
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	7	1.16
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	7	1.16
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	7	1.16
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	3	1.16
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	3	1.16
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	3	1.16
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	8	1.16
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	8	1.16
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	8	1.16
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	17	1.16
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	17	1.16
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	17	1.16
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	14	1.16
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	14	1.16
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	14	1.16
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	20	1.16
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	20	1.16
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	17	1.16
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	9	1.16
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	12	1.16
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	12	1.16
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	12	1.16
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	1	1.16
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	5	1.16
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	5	1.16
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	5	1.16
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	16	1.16
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	7	1.16
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	5	1.16
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	5	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	11	1.16
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	3	1.16
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	9	1.16
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	13	1.16
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	5	1.16
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	6	1.16
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	7	1.16
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	19	1.16
(1,956)	1:806:A:ALA:HB1	1:807:A:TYR:H	10	1.16
(1,956)	1:806:A:ALA:HB2	1:807:A:TYR:H	10	1.16
(1,956)	1:806:A:ALA:HB3	1:807:A:TYR:H	10	1.16
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	3	1.16
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	6	1.16
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	12	1.16
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	17	1.16
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	4	1.16
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	4	1.16
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	4	1.16
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	13	1.16
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	13	1.16
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	13	1.16
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	5	1.16
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	5	1.16
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	5	1.16
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	11	1.16
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	11	1.16
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	2	1.16
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	2	1.16
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD1	3	1.16
(1,806)	1:924:A:TYR:HA	1:924:A:TYR:HD2	3	1.16
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	2	1.16
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	2	1.16
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	2	1.16
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	20	1.16
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	20	1.16
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	20	1.16
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	2	1.16
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	2	1.16
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	2	1.16
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	18	1.16
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	18	1.16
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	18	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	8	1.16
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	8	1.16
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	13	1.16
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	20	1.16
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD11	6	1.16
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD12	6	1.16
(1,670)	1:894:A:LYS:H	1:897:A:ILE:HD13	6	1.16
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	19	1.16
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	19	1.16
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	19	1.16
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	19	1.16
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	7	1.16
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	5	1.16
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	5	1.16
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	5	1.16
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	4	1.16
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	4	1.16
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	4	1.16
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	19	1.16
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	19	1.16
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	19	1.16
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE1	6	1.16
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE2	6	1.16
(1,551)	1:882:A:PHE:HD1	1:885:A:MET:HE3	6	1.16
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE1	6	1.16
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE2	6	1.16
(1,551)	1:882:A:PHE:HD2	1:885:A:MET:HE3	6	1.16
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	15	1.16
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	15	1.16
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	15	1.16
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	10	1.16
(1,540)	1:884:A:MET:HG3	1:885:A:MET:H	1	1.16
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	8	1.16
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	17	1.16
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	17	1.16
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	17	1.16
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	2	1.16
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	2	1.16
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	2	1.16
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	2	1.16
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	2	1.16
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	2	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	19	1.16
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	9	1.16
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	9	1.16
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	9	1.16
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	1	1.16
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	1	1.16
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	1	1.16
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	11	1.16
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	11	1.16
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	11	1.16
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	10	1.16
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	10	1.16
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	10	1.16
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	1	1.16
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	13	1.16
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	13	1.16
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	13	1.16
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	3	1.16
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	1	1.16
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	2	1.16
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	17	1.16
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	1	1.16
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	1	1.16
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	1	1.16
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	12	1.16
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	6	1.16
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	1	1.16
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	18	1.16
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	18	1.16
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	18	1.16
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	12	1.16
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	12	1.16
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	17	1.16
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	17	1.16
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	17	1.16
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	18	1.16
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	8	1.16
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	8	1.16
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	8	1.16
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	3	1.16
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	3	1.16
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	3	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	6	1.16
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	6	1.16
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	6	1.16
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	8	1.16
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	8	1.16
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	8	1.16
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	10	1.16
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	10	1.16
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	10	1.16
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	14	1.16
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	14	1.16
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	14	1.16
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	19	1.16
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	19	1.16
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	19	1.16
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	2	1.16
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	8	1.16
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	4	1.16
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	4	1.16
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	4	1.16
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	1	1.16
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	1	1.16
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	1	1.16
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	9	1.16
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	16	1.16
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	16	1.16
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	16	1.16
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	13	1.16
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	13	1.16
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	13	1.16
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	10	1.16
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	10	1.16
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	10	1.16
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	12	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	1	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	1	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	1	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	3	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	3	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	3	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	12	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	12	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	12	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	14	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	14	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	14	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	18	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	18	1.16
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	18	1.16
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	18	1.16
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	18	1.16
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	18	1.16
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	18	1.16
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	18	1.16
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	18	1.16
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	13	1.16
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	13	1.16
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	13	1.16
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE2	17	1.16
(1,34)	1:802:A:LYS:HG3	1:802:A:LYS:HE3	17	1.16
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE2	17	1.16
(1,34)	1:802:A:LYS:HG2	1:802:A:LYS:HE3	17	1.16
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	8	1.16
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	8	1.16
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	8	1.16
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	10	1.16
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	10	1.16
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	10	1.16
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	18	1.16
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG22	1	1.16
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG23	1	1.16
(1,12)	1:800:A:ILE:HA	1:800:A:ILE:HG21	1	1.16
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	9	1.15
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	9	1.15
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	14	1.15
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	14	1.15
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	4	1.15
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	4	1.15
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	9	1.15
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	9	1.15
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	4	1.15
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	4	1.15
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	8	1.15
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	8	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	8	1.15
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	8	1.15
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	8	1.15
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	8	1.15
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	7	1.15
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	7	1.15
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	7	1.15
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	7	1.15
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	1	1.15
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	1	1.15
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	11	1.15
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	11	1.15
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	13	1.15
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	13	1.15
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	19	1.15
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	19	1.15
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	20	1.15
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	20	1.15
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	19	1.15
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	19	1.15
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	19	1.15
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	19	1.15
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	3	1.15
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	3	1.15
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	13	1.15
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	13	1.15
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	20	1.15
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	20	1.15
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	20	1.15
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	20	1.15
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	7	1.15
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	7	1.15
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	16	1.15
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	16	1.15
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	8	1.15
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	8	1.15
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	2	1.15
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	2	1.15
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	7	1.15
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	7	1.15
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	2	1.15
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	2	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	7	1.15
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	7	1.15
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	12	1.15
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	12	1.15
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	5	1.15
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	5	1.15
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	5	1.15
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	5	1.15
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	7	1.15
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	7	1.15
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	7	1.15
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	7	1.15
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	1	1.15
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	1	1.15
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	6	1.15
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	6	1.15
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	6	1.15
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	6	1.15
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	6	1.15
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	6	1.15
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	9	1.15
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	9	1.15
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	19	1.15
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	19	1.15
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	3	1.15
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	3	1.15
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	9	1.15
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	9	1.15
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	9	1.15
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	17	1.15
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	17	1.15
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	17	1.15
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	2	1.15
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	14	1.15
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	18	1.15
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	18	1.15
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	5	1.15
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	6	1.15
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	16	1.15
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	16	1.15
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	12	1.15
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	11	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	13	1.15
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	13	1.15
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	13	1.15
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	18	1.15
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	18	1.15
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	18	1.15
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	1	1.15
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	1	1.15
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	1	1.15
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	1	1.15
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	1	1.15
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	9	1.15
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	9	1.15
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	9	1.15
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	13	1.15
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	13	1.15
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	13	1.15
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	15	1.15
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	15	1.15
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	15	1.15
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	8	1.15
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	8	1.15
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	8	1.15
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	19	1.15
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	19	1.15
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	19	1.15
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	11	1.15
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	11	1.15
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	11	1.15
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	5	1.15
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	5	1.15
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	5	1.15
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	6	1.15
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	6	1.15
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	6	1.15
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	8	1.15
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	8	1.15
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	8	1.15
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	1	1.15
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	1	1.15
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	6	1.15
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	6	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	5	1.15
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	14	1.15
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD21	19	1.15
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD22	19	1.15
(1,2707)	1:882:A:PHE:HZ	1:886:A:LEU:HD23	19	1.15
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	7	1.15
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	7	1.15
(1,2678)	1:873:A:LEU:HB3	1:924:A:TYR:HH	11	1.15
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	16	1.15
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	16	1.15
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	4	1.15
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	4	1.15
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	3	1.15
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	3	1.15
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	4	1.15
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	4	1.15
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	4	1.15
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	4	1.15
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	4	1.15
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	4	1.15
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	20	1.15
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	20	1.15
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	20	1.15
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	18	1.15
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	18	1.15
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	14	1.15
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	14	1.15
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	14	1.15
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	15	1.15
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	4	1.15
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	4	1.15
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	4	1.15
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	4	1.15
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	11	1.15
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	19	1.15
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	19	1.15
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	19	1.15
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	19	1.15
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	9	1.15
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	9	1.15
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	11	1.15
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	11	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	12	1.15
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	12	1.15
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	13	1.15
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	1	1.15
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	1	1.15
(1,2392)	1:870:A:TYR:HD1	1:904:A:LEU:HB2	12	1.15
(1,2392)	1:870:A:TYR:HD2	1:904:A:LEU:HB2	12	1.15
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	4	1.15
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	4	1.15
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	4	1.15
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	13	1.15
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	13	1.15
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	13	1.15
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	13	1.15
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	13	1.15
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	13	1.15
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	1	1.15
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	1	1.15
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	17	1.15
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	17	1.15
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	15	1.15
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	15	1.15
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	17	1.15
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	17	1.15
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	1	1.15
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	1	1.15
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	18	1.15
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	18	1.15
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	18	1.15
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	18	1.15
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	6	1.15
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	6	1.15
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	2	1.15
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	2	1.15
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	2	1.15
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	2	1.15
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	2	1.15
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	2	1.15
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	7	1.15
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	7	1.15
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	8	1.15
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	8	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD13	11	1.15
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD11	11	1.15
(1,2244)	1:827:A:HIS:HE1	1:831:A:ILE:HD12	11	1.15
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	12	1.15
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	12	1.15
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	12	1.15
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	14	1.15
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	14	1.15
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	14	1.15
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	8	1.15
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	8	1.15
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	9	1.15
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	9	1.15
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	12	1.15
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	12	1.15
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	15	1.15
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	15	1.15
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	1	1.15
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	1	1.15
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	1	1.15
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	9	1.15
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	10	1.15
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	6	1.15
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	6	1.15
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	19	1.15
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	3	1.15
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	3	1.15
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	3	1.15
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	5	1.15
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	5	1.15
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	7	1.15
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	7	1.15
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	7	1.15
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	18	1.15
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	18	1.15
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	18	1.15
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	20	1.15
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	20	1.15
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	20	1.15
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	18	1.15
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	10	1.15
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	19	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	7	1.15
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	7	1.15
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	19	1.15
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	19	1.15
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	19	1.15
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	19	1.15
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	19	1.15
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	3	1.15
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	3	1.15
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	4	1.15
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	4	1.15
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	4	1.15
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	12	1.15
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	19	1.15
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	19	1.15
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	19	1.15
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	14	1.15
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	12	1.15
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	12	1.15
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	14	1.15
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	14	1.15
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	20	1.15
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	5	1.15
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	5	1.15
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	5	1.15
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	11	1.15
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	15	1.15
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	15	1.15
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	15	1.15
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	5	1.15
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	19	1.15
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	19	1.15
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	15	1.15
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	15	1.15
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	15	1.15
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	11	1.15
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	11	1.15
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	8	1.15
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	20	1.15
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	20	1.15
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	12	1.15
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	12	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	12	1.15
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	11	1.15
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	11	1.15
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	11	1.15
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	3	1.15
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	3	1.15
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	3	1.15
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	13	1.15
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	14	1.15
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	16	1.15
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	18	1.15
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	3	1.15
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	3	1.15
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	3	1.15
(1,1652)	1:874:A:LEU:HD21	1:875:A:TYR:H	19	1.15
(1,1652)	1:874:A:LEU:HD22	1:875:A:TYR:H	19	1.15
(1,1652)	1:874:A:LEU:HD23	1:875:A:TYR:H	19	1.15
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	17	1.15
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	17	1.15
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	4	1.15
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	4	1.15
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	1	1.15
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	1	1.15
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	1	1.15
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	19	1.15
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	19	1.15
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	19	1.15
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	3	1.15
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	10	1.15
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	19	1.15
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	3	1.15
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	18	1.15
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	18	1.15
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	7	1.15
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	5	1.15
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	5	1.15
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	8	1.15
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	8	1.15
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	13	1.15
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	16	1.15
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	15	1.15
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	4	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	2	1.15
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	2	1.15
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	2	1.15
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	12	1.15
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	12	1.15
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	12	1.15
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD11	14	1.15
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD12	14	1.15
(1,1482)	1:859:A:ASN:HD21	1:896:A:LEU:HD13	14	1.15
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	11	1.15
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	19	1.15
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	14	1.15
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	9	1.15
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	11	1.15
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	11	1.15
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	17	1.15
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	17	1.15
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	7	1.15
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	7	1.15
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	7	1.15
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	3	1.15
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	3	1.15
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	17	1.15
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	17	1.15
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	15	1.15
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	15	1.15
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	15	1.15
(1,1303)	1:840:A:PHE:HB2	1:841:A:LEU:H	7	1.15
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	6	1.15
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	6	1.15
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	6	1.15
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	19	1.15
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	19	1.15
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	19	1.15
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	10	1.15
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	10	1.15
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	8	1.15
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	4	1.15
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	4	1.15
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	4	1.15
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	16	1.15
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	4	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	4	1.15
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	4	1.15
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	16	1.15
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	16	1.15
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	16	1.15
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	9	1.15
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	13	1.15
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	4	1.15
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	11	1.15
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	13	1.15
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	13	1.15
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	13	1.15
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	3	1.15
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	3	1.15
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	3	1.15
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	8	1.15
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	8	1.15
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	8	1.15
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	8	1.15
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	16	1.15
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	16	1.15
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	17	1.15
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	18	1.15
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	18	1.15
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	18	1.15
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	10	1.15
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	10	1.15
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	10	1.15
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	14	1.15
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	14	1.15
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	14	1.15
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	10	1.15
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	10	1.15
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	10	1.15
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	11	1.15
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	11	1.15
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	11	1.15
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	20	1.15
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	20	1.15
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	20	1.15
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	6	1.15
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	6	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	6	1.15
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	13	1.15
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	13	1.15
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	13	1.15
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	13	1.15
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	13	1.15
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	13	1.15
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	3	1.15
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	1	1.15
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	1	1.15
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	1	1.15
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	9	1.15
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	9	1.15
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	9	1.15
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	20	1.15
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	20	1.15
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	20	1.15
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	1	1.15
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	1	1.15
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	1	1.15
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	15	1.15
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	15	1.15
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	15	1.15
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	5	1.15
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	8	1.15
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	11	1.15
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	8	1.15
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	17	1.15
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	18	1.15
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	4	1.15
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	4	1.15
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	4	1.15
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	20	1.15
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	20	1.15
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	20	1.15
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	11	1.15
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	9	1.15
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	5	1.15
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	17	1.15
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	17	1.15
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	8	1.15
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	8	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	7	1.15
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	4	1.15
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	15	1.15
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	10	1.15
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	11	1.15
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	20	1.15
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	2	1.15
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	2	1.15
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	6	1.15
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	6	1.15
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	6	1.15
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	7	1.15
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	7	1.15
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	7	1.15
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	2	1.15
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	2	1.15
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	2	1.15
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	7	1.15
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	7	1.15
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	12	1.15
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	12	1.15
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	18	1.15
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	18	1.15
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	18	1.15
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	20	1.15
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	20	1.15
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	20	1.15
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	7	1.15
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	7	1.15
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	7	1.15
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	6	1.15
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	6	1.15
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	6	1.15
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	17	1.15
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	17	1.15
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	5	1.15
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	5	1.15
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	5	1.15
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	9	1.15
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	9	1.15
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	9	1.15
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	17	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	17	1.15
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	17	1.15
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	12	1.15
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	12	1.15
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	12	1.15
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	4	1.15
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	4	1.15
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	13	1.15
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD2	9	1.15
(1,658)	1:897:A:ILE:HG21	1:901:A:PHE:HD1	9	1.15
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD2	9	1.15
(1,658)	1:897:A:ILE:HG22	1:901:A:PHE:HD1	9	1.15
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD2	9	1.15
(1,658)	1:897:A:ILE:HG23	1:901:A:PHE:HD1	9	1.15
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	16	1.15
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	16	1.15
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	16	1.15
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	16	1.15
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	16	1.15
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD21	4	1.15
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD22	4	1.15
(1,617)	1:893:A:GLN:HA	1:896:A:LEU:HD23	4	1.15
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	14	1.15
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	16	1.15
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	5	1.15
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	5	1.15
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	5	1.15
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	20	1.15
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	20	1.15
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	20	1.15
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	17	1.15
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	17	1.15
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	17	1.15
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	17	1.15
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	17	1.15
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	17	1.15
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	17	1.15
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	17	1.15
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	17	1.15
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	3	1.15
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	3	1.15
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	3	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	9	1.15
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	9	1.15
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	9	1.15
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	9	1.15
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	14	1.15
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	7	1.15
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	7	1.15
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	7	1.15
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	5	1.15
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	5	1.15
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	4	1.15
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	4	1.15
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	4	1.15
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	15	1.15
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	2	1.15
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	12	1.15
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	6	1.15
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	6	1.15
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	6	1.15
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	14	1.15
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	14	1.15
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	14	1.15
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	14	1.15
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	14	1.15
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	14	1.15
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	16	1.15
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	16	1.15
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	16	1.15
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	18	1.15
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	18	1.15
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	18	1.15
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	19	1.15
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	19	1.15
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	19	1.15
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	9	1.15
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	9	1.15
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	9	1.15
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	13	1.15
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	13	1.15
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	13	1.15
(1,372)	1:826:A:ALA:HB1	1:860:A:ASN:HA	10	1.15
(1,372)	1:826:A:ALA:HB2	1:860:A:ASN:HA	10	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,372)	1:826:A:ALA:HB3	1:860:A:ASN:HA	10	1.15
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	3	1.15
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	3	1.15
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	3	1.15
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	3	1.15
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	3	1.15
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	10	1.15
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	10	1.15
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	10	1.15
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	5	1.15
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	5	1.15
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	5	1.15
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	10	1.15
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	10	1.15
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	10	1.15
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	7	1.15
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	19	1.15
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG21	13	1.15
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG22	13	1.15
(1,294)	1:851:A:LEU:HA	1:854:A:ILE:HG23	13	1.15
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	2	1.15
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	2	1.15
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	19	1.15
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	19	1.15
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	19	1.15
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	19	1.15
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	7	1.15
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	7	1.15
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	7	1.15
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	12	1.15
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	12	1.15
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	12	1.15
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	12	1.15
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	12	1.15
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	12	1.15
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	3	1.15
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	3	1.15
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	3	1.15
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	15	1.15
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	1	1.15
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	1	1.15
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	7	1.15
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	7	1.15
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	7	1.15
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	9	1.15
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	9	1.15
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	9	1.15
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	12	1.15
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	12	1.15
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	12	1.15
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	19	1.15
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	19	1.15
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	19	1.15
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	7	1.15
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	8	1.15
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	19	1.15
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	3	1.15
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	3	1.15
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	17	1.15
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	17	1.15
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	17	1.15
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	6	1.15
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	6	1.15
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	6	1.15
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	1	1.15
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	15	1.15
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	15	1.15
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	15	1.15
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	11	1.15
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	11	1.15
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	11	1.15
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	13	1.15
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	13	1.15
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	13	1.15
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	4	1.15
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	20	1.15
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	20	1.15
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	20	1.15
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	16	1.15
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	16	1.15
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	16	1.15
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	3	1.15
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	3	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	3	1.15
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	3	1.15
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	3	1.15
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	3	1.15
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	11	1.15
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	11	1.15
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	11	1.15
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	11	1.15
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	11	1.15
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	11	1.15
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	11	1.15
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	13	1.15
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	13	1.15
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	13	1.15
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	17	1.15
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	17	1.15
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	17	1.15
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	10	1.15
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	16	1.15
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	16	1.15
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	16	1.15
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	16	1.15
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	13	1.14
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	13	1.14
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	2	1.14
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	2	1.14
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	13	1.14
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	13	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	5	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	5	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	7	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	7	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	12	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	12	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	15	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	15	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	17	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	17	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	18	1.14
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	18	1.14
(1,3279)	1:876:A:LEU:HB2	1:877:A:SER:H	15	1.14
(1,3279)	1:876:A:LEU:HB3	1:877:A:SER:H	15	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	13	1.14
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	13	1.14
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	11	1.14
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	11	1.14
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	18	1.14
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	18	1.14
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	13	1.14
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	13	1.14
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	10	1.14
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	10	1.14
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	13	1.14
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	13	1.14
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	9	1.14
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	9	1.14
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	18	1.14
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	18	1.14
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	2	1.14
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	2	1.14
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	2	1.14
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	2	1.14
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD2	18	1.14
(1,3119)	1:835:A:LYS:H	1:835:A:LYS:HD3	18	1.14
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB2	17	1.14
(1,3118)	1:835:A:LYS:H	1:835:A:LYS:HB3	17	1.14
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	7	1.14
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	7	1.14
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	17	1.14
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	17	1.14
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	17	1.14
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	17	1.14
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	17	1.14
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	17	1.14
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	7	1.14
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	7	1.14
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	7	1.14
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	7	1.14
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	7	1.14
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	7	1.14
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	13	1.14
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	13	1.14
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	13	1.14
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	13	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	13	1.14
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	13	1.14
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	14	1.14
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	14	1.14
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	6	1.14
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	6	1.14
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	10	1.14
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	16	1.14
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	16	1.14
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	16	1.14
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	2	1.14
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	2	1.14
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	18	1.14
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	12	1.14
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	12	1.14
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	12	1.14
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	12	1.14
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	4	1.14
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	4	1.14
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	4	1.14
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	19	1.14
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	5	1.14
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	5	1.14
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	5	1.14
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	12	1.14
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	12	1.14
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	12	1.14
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	4	1.14
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	4	1.14
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	4	1.14
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	10	1.14
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	10	1.14
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	10	1.14
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	17	1.14
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	17	1.14
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	17	1.14
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	17	1.14
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	17	1.14
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	17	1.14
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	8	1.14
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	8	1.14
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	8	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	19	1.14
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	19	1.14
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	19	1.14
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	1	1.14
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	1	1.14
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	1	1.14
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	16	1.14
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	16	1.14
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	16	1.14
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD21	7	1.14
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD22	7	1.14
(1,2786)	1:817:A:SER:HB2	1:852:A:LEU:HD23	7	1.14
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	14	1.14
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	14	1.14
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	14	1.14
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	15	1.14
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	15	1.14
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	15	1.14
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	19	1.14
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	19	1.14
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	19	1.14
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	19	1.14
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	19	1.14
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	19	1.14
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	14	1.14
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	14	1.14
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	18	1.14
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	18	1.14
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	4	1.14
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	10	1.14
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	10	1.14
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	10	1.14
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	10	1.14
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	10	1.14
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	10	1.14
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	11	1.14
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	11	1.14
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	11	1.14
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	11	1.14
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	11	1.14
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	11	1.14
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	15	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	15	1.14
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	15	1.14
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	15	1.14
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	15	1.14
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	15	1.14
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	10	1.14
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	10	1.14
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	10	1.14
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD23	16	1.14
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD21	16	1.14
(1,2688)	1:858:A:LYS:H	1:900:A:LEU:HD22	16	1.14
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	3	1.14
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	3	1.14
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	7	1.14
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	7	1.14
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	5	1.14
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	5	1.14
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	2	1.14
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	2	1.14
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	2	1.14
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	2	1.14
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	8	1.14
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	8	1.14
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	8	1.14
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	16	1.14
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	16	1.14
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	16	1.14
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	16	1.14
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	11	1.14
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	11	1.14
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	4	1.14
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	4	1.14
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	4	1.14
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	9	1.14
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	9	1.14
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	18	1.14
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	18	1.14
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	18	1.14
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	8	1.14
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	7	1.14
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	7	1.14
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	6	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	6	1.14
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	8	1.14
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	8	1.14
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	11	1.14
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	11	1.14
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	16	1.14
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	16	1.14
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	16	1.14
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	16	1.14
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	9	1.14
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	9	1.14
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	10	1.14
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	15	1.14
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	16	1.14
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	3	1.14
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	3	1.14
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	16	1.14
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	11	1.14
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	17	1.14
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	17	1.14
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	17	1.14
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	17	1.14
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	10	1.14
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	10	1.14
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	10	1.14
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	10	1.14
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	10	1.14
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	10	1.14
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	4	1.14
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	4	1.14
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	4	1.14
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	4	1.14
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	10	1.14
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	10	1.14
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	11	1.14
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	11	1.14
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	14	1.14
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	14	1.14
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	18	1.14
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	18	1.14
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	5	1.14
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	5	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	8	1.14
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	8	1.14
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	17	1.14
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	17	1.14
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	11	1.14
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	11	1.14
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	15	1.14
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	6	1.14
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	6	1.14
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	11	1.14
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	11	1.14
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	19	1.14
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	19	1.14
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	19	1.14
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	20	1.14
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	20	1.14
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	20	1.14
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	1	1.14
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	1	1.14
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	15	1.14
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	15	1.14
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	6	1.14
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	6	1.14
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	6	1.14
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	2	1.14
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	2	1.14
(1,2166)	1:920:A:LEU:HD21	1:922:A:ARG:H	9	1.14
(1,2166)	1:920:A:LEU:HD22	1:922:A:ARG:H	9	1.14
(1,2166)	1:920:A:LEU:HD23	1:922:A:ARG:H	9	1.14
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	18	1.14
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	18	1.14
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	10	1.14
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	10	1.14
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	16	1.14
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	16	1.14
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	19	1.14
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	19	1.14
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	11	1.14
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	11	1.14
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	11	1.14
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	4	1.14
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	4	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	5	1.14
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	5	1.14
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	7	1.14
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	16	1.14
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	16	1.14
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	16	1.14
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	6	1.14
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	6	1.14
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	6	1.14
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	8	1.14
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	8	1.14
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	8	1.14
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	20	1.14
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	20	1.14
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	20	1.14
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD21	19	1.14
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD22	19	1.14
(1,2055)	1:914:A:LEU:H	1:914:A:LEU:HD23	19	1.14
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	13	1.14
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	13	1.14
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	12	1.14
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	12	1.14
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	8	1.14
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	8	1.14
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	8	1.14
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	11	1.14
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	11	1.14
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	11	1.14
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	13	1.14
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	13	1.14
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	13	1.14
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	19	1.14
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	19	1.14
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	10	1.14
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	11	1.14
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	18	1.14
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	6	1.14
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	19	1.14
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD22	8	1.14
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD23	8	1.14
(1,1953)	1:901:A:PHE:H	1:926:A:LEU:HD21	8	1.14
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	15	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	15	1.14
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	16	1.14
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	9	1.14
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	9	1.14
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	15	1.14
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	15	1.14
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	8	1.14
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	5	1.14
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	9	1.14
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	9	1.14
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	9	1.14
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	18	1.14
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	18	1.14
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	18	1.14
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	16	1.14
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	2	1.14
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	2	1.14
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	13	1.14
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	17	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	4	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	4	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	4	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	11	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	11	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	11	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	12	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	12	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	12	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	14	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	14	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	14	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	17	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	17	1.14
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	17	1.14
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	3	1.14
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	3	1.14
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	3	1.14
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	13	1.14
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	13	1.14
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	13	1.14
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	5	1.14
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	5	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	7	1.14
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	7	1.14
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	9	1.14
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	5	1.14
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	5	1.14
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	18	1.14
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD11	3	1.14
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD12	3	1.14
(1,1593)	1:870:A:TYR:H	1:873:A:LEU:HD13	3	1.14
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	4	1.14
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	5	1.14
(1,1578)	1:868:A:LEU:HB3	1:869:A:VAL:H	9	1.14
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	13	1.14
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	12	1.14
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	12	1.14
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	12	1.14
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	16	1.14
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	14	1.14
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	2	1.14
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	2	1.14
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	2	1.14
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	12	1.14
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	12	1.14
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	12	1.14
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	4	1.14
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	4	1.14
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	15	1.14
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	5	1.14
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	19	1.14
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	2	1.14
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	17	1.14
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	15	1.14
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	15	1.14
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	15	1.14
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	8	1.14
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	9	1.14
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	11	1.14
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	12	1.14
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	12	1.14
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	13	1.14
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	16	1.14
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	16	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	11	1.14
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	16	1.14
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	5	1.14
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	5	1.14
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	5	1.14
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	10	1.14
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	10	1.14
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	10	1.14
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	19	1.14
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	1	1.14
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	1	1.14
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	1	1.14
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	3	1.14
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	3	1.14
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	3	1.14
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	10	1.14
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	10	1.14
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	10	1.14
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	13	1.14
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	13	1.14
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	14	1.14
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	14	1.14
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	15	1.14
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	15	1.14
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	6	1.14
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	6	1.14
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	19	1.14
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	19	1.14
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	19	1.14
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	11	1.14
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	11	1.14
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB3	20	1.14
(1,1323)	1:844:A:LYS:H	1:844:A:LYS:HB2	20	1.14
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	1	1.14
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	1	1.14
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	1	1.14
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	11	1.14
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	11	1.14
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	11	1.14
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	18	1.14
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	2	1.14
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	15	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	17	1.14
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	12	1.14
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	8	1.14
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	17	1.14
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	17	1.14
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	1	1.14
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	1	1.14
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	1	1.14
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	11	1.14
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	15	1.14
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	14	1.14
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	14	1.14
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	14	1.14
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	6	1.14
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	6	1.14
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	6	1.14
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	12	1.14
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	4	1.14
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	4	1.14
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	7	1.14
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	7	1.14
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	14	1.14
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	14	1.14
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	17	1.14
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	17	1.14
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB2	3	1.14
(1,1169)	1:827:A:HIS:H	1:827:A:HIS:HB3	3	1.14
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	1	1.14
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	1	1.14
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	3	1.14
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	3	1.14
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	18	1.14
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	18	1.14
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	20	1.14
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	20	1.14
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	20	1.14
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	18	1.14
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	18	1.14
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	18	1.14
(1,1150)	1:824:A:ALA:HB1	1:825:A:CYS:H	10	1.14
(1,1150)	1:824:A:ALA:HB2	1:825:A:CYS:H	10	1.14
(1,1150)	1:824:A:ALA:HB3	1:825:A:CYS:H	10	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	20	1.14
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	20	1.14
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	20	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	4	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	4	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	4	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	5	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	5	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	5	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	9	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	9	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	9	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	16	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	16	1.14
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	16	1.14
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	9	1.14
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	9	1.14
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	11	1.14
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	17	1.14
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	20	1.14
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	20	1.14
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	8	1.14
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	3	1.14
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	3	1.14
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	2	1.14
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	2	1.14
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	2	1.14
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	4	1.14
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	4	1.14
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	4	1.14
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	7	1.14
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	7	1.14
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	7	1.14
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	15	1.14
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	15	1.14
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	15	1.14
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	17	1.14
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	17	1.14
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	17	1.14
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	9	1.14
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	9	1.14
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	9	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	14	1.14
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	3	1.14
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	18	1.14
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	15	1.14
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	15	1.14
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	9	1.14
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	11	1.14
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	6	1.14
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	6	1.14
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	10	1.14
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	4	1.14
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	8	1.14
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	13	1.14
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	18	1.14
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	15	1.14
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	1	1.14
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	11	1.14
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	18	1.14
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	10	1.14
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	10	1.14
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	19	1.14
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	19	1.14
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	13	1.14
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	18	1.14
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	18	1.14
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	18	1.14
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	18	1.14
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	18	1.14
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	18	1.14
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	12	1.14
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	12	1.14
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	12	1.14
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	7	1.14
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	7	1.14
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	7	1.14
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	20	1.14
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	20	1.14
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	20	1.14
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	1	1.14
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	1	1.14
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	1	1.14
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	15	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	15	1.14
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	15	1.14
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	10	1.14
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	10	1.14
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	10	1.14
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD11	2	1.14
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD12	2	1.14
(1,757)	1:901:A:PHE:HD2	1:917:A:ILE:HD13	2	1.14
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD11	2	1.14
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD12	2	1.14
(1,757)	1:901:A:PHE:HD1	1:917:A:ILE:HD13	2	1.14
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	7	1.14
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	7	1.14
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	7	1.14
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	2	1.14
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	2	1.14
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	2	1.14
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	1	1.14
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	3	1.14
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	11	1.14
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	6	1.14
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	6	1.14
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	6	1.14
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	8	1.14
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	19	1.14
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	19	1.14
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	19	1.14
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	13	1.14
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	11	1.14
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	11	1.14
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	8	1.14
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	8	1.14
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	19	1.14
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	19	1.14
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	3	1.14
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	3	1.14
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	3	1.14
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	16	1.14
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	16	1.14
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	16	1.14
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	12	1.14
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	12	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	18	1.14
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	10	1.14
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	10	1.14
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	20	1.14
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	20	1.14
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	19	1.14
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	19	1.14
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	19	1.14
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	12	1.14
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	12	1.14
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	12	1.14
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	12	1.14
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	12	1.14
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	12	1.14
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	18	1.14
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	18	1.14
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	18	1.14
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	1	1.14
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	1	1.14
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	1	1.14
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	1	1.14
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	1	1.14
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	1	1.14
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	18	1.14
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	18	1.14
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	18	1.14
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	18	1.14
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	18	1.14
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	18	1.14
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	10	1.14
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	10	1.14
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	10	1.14
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	1	1.14
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	1	1.14
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	1	1.14
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	11	1.14
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	11	1.14
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	11	1.14
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	18	1.14
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	18	1.14
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	18	1.14
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	5	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	5	1.14
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	5	1.14
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	16	1.14
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	16	1.14
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	16	1.14
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	2	1.14
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD21	14	1.14
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD22	14	1.14
(1,490)	1:874:A:LEU:HB3	1:874:A:LEU:HD23	14	1.14
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	18	1.14
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	18	1.14
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	18	1.14
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	18	1.14
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	18	1.14
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	18	1.14
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	19	1.14
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	19	1.14
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	19	1.14
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	19	1.14
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	19	1.14
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	19	1.14
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	17	1.14
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	18	1.14
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	2	1.14
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	14	1.14
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	14	1.14
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	14	1.14
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	19	1.14
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	2	1.14
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	2	1.14
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	2	1.14
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	2	1.14
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	12	1.14
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	12	1.14
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	12	1.14
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	13	1.14
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	13	1.14
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	13	1.14
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	17	1.14
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	17	1.14
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	17	1.14
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD11	19	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD12	19	1.14
(1,404)	1:862:A:ILE:H	1:862:A:ILE:HD13	19	1.14
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	10	1.14
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	10	1.14
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	10	1.14
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	18	1.14
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	18	1.14
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	18	1.14
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	15	1.14
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	9	1.14
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	9	1.14
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	9	1.14
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	7	1.14
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	7	1.14
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	7	1.14
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	7	1.14
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	7	1.14
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	7	1.14
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	15	1.14
(1,296)	1:851:A:LEU:HA	1:854:A:ILE:HB	13	1.14
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	10	1.14
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	10	1.14
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	16	1.14
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	16	1.14
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	16	1.14
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	16	1.14
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	18	1.14
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	18	1.14
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	18	1.14
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	20	1.14
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	20	1.14
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	20	1.14
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	1	1.14
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	1	1.14
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	1	1.14
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	9	1.14
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	9	1.14
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	9	1.14
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	5	1.14
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	5	1.14
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	5	1.14
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	13	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	11	1.14
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	8	1.14
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	8	1.14
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	8	1.14
(1,152)	1:816:A:LEU:HD21	1:825:A:CYS:HB2	15	1.14
(1,152)	1:816:A:LEU:HD22	1:825:A:CYS:HB2	15	1.14
(1,152)	1:816:A:LEU:HD23	1:825:A:CYS:HB2	15	1.14
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	1	1.14
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	1	1.14
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	1	1.14
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	3	1.14
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	3	1.14
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	3	1.14
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	8	1.14
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	8	1.14
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	8	1.14
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	5	1.14
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	5	1.14
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	5	1.14
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	5	1.14
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	5	1.14
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	5	1.14
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	10	1.14
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	10	1.14
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	10	1.14
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	19	1.14
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	19	1.14
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	19	1.14
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	8	1.14
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	8	1.14
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	8	1.14
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	4	1.14
(1,80)	1:813:A:ILE:HA	1:816:A:LEU:HG	8	1.14
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	6	1.14
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	6	1.14
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	6	1.14
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	10	1.14
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	10	1.14
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	10	1.14
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	15	1.14
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	15	1.14
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	15	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	19	1.14
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	19	1.14
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	19	1.14
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	12	1.14
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	12	1.14
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	12	1.14
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	7	1.14
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	10	1.14
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	5	1.14
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	6	1.14
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	6	1.14
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	6	1.14
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	12	1.14
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	12	1.14
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	12	1.14
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	2	1.14
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	14	1.14
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	14	1.14
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	14	1.14
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	19	1.14
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	19	1.14
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	19	1.14
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	20	1.14
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	20	1.14
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	20	1.14
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	1	1.14
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	14	1.14
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	16	1.14
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	20	1.14
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	3	1.14
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	3	1.14
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	3	1.14
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	3	1.14
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	5	1.14
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	5	1.14
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	5	1.14
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	5	1.14
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	6	1.14
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	6	1.14
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	6	1.14
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	6	1.14
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	1	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	1	1.13
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	2	1.13
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	2	1.13
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	10	1.13
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	10	1.13
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	8	1.13
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	8	1.13
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	4	1.13
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	4	1.13
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	6	1.13
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	6	1.13
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	12	1.13
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	12	1.13
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	17	1.13
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	17	1.13
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	9	1.13
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	9	1.13
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	10	1.13
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	10	1.13
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	14	1.13
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	14	1.13
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	16	1.13
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	16	1.13
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	16	1.13
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	16	1.13
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	16	1.13
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	16	1.13
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB3	2	1.13
(1,3273)	1:875:A:TYR:HA	1:878:A:LYS:HB2	2	1.13
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	11	1.13
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	11	1.13
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	11	1.13
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	11	1.13
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	11	1.13
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	11	1.13
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	3	1.13
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	3	1.13
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	6	1.13
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	6	1.13
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	20	1.13
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	20	1.13
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	11	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	11	1.13
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	13	1.13
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	13	1.13
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	12	1.13
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	12	1.13
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	19	1.13
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	19	1.13
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	10	1.13
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	10	1.13
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	10	1.13
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	10	1.13
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	10	1.13
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	10	1.13
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	12	1.13
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	12	1.13
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	12	1.13
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	12	1.13
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	12	1.13
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	12	1.13
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	17	1.13
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	17	1.13
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	11	1.13
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	11	1.13
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	7	1.13
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	7	1.13
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	3	1.13
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	3	1.13
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	15	1.13
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	15	1.13
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	14	1.13
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	14	1.13
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	2	1.13
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	6	1.13
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	16	1.13
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	4	1.13
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	4	1.13
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	4	1.13
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	11	1.13
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	14	1.13
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	14	1.13
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	14	1.13
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	14	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	6	1.13
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	11	1.13
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	5	1.13
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	5	1.13
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	5	1.13
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	20	1.13
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	20	1.13
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	20	1.13
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	5	1.13
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	5	1.13
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	5	1.13
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	20	1.13
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD11	19	1.13
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD12	19	1.13
(1,2861)	1:855:A:GLN:HG2	1:896:A:LEU:HD13	19	1.13
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	6	1.13
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	6	1.13
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	6	1.13
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	12	1.13
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	12	1.13
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	12	1.13
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	17	1.13
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	17	1.13
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	17	1.13
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	2	1.13
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	2	1.13
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	2	1.13
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	1	1.13
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	1	1.13
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	1	1.13
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	2	1.13
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	2	1.13
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	7	1.13
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	7	1.13
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	7	1.13
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	7	1.13
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	7	1.13
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	10	1.13
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	10	1.13
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	10	1.13
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	18	1.13
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	18	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	18	1.13
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	9	1.13
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	14	1.13
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD11	2	1.13
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD12	2	1.13
(1,2702)	1:886:A:LEU:H	1:897:A:ILE:HD13	2	1.13
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	6	1.13
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	20	1.13
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	6	1.13
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	6	1.13
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	6	1.13
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	9	1.13
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	9	1.13
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	14	1.13
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	14	1.13
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	1	1.13
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	1	1.13
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	19	1.13
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	19	1.13
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	20	1.13
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	15	1.13
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	15	1.13
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	12	1.13
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	12	1.13
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	13	1.13
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	13	1.13
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	5	1.13
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	15	1.13
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	1	1.13
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	1	1.13
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	1	1.13
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	10	1.13
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	10	1.13
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	10	1.13
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	1	1.13
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	1	1.13
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	1	1.13
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	20	1.13
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	20	1.13
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	20	1.13
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD12	6	1.13
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD13	6	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2613)	1:886:A:LEU:H	1:889:A:ILE:HD11	6	1.13
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	1	1.13
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	15	1.13
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	15	1.13
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	15	1.13
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	15	1.13
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	15	1.13
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	12	1.13
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	12	1.13
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE1	18	1.13
(1,2559)	1:873:A:LEU:HG	1:924:A:TYR:HE2	18	1.13
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	13	1.13
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	15	1.13
(1,2543)	1:822:A:LYS:HB2	1:825:A:CYS:H	3	1.13
(1,2543)	1:822:A:LYS:HB3	1:825:A:CYS:H	3	1.13
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	6	1.13
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	6	1.13
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	11	1.13
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	18	1.13
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	18	1.13
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	18	1.13
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	7	1.13
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	7	1.13
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	7	1.13
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	7	1.13
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	8	1.13
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	8	1.13
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	14	1.13
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	14	1.13
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	8	1.13
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	8	1.13
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	17	1.13
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	17	1.13
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	10	1.13
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	10	1.13
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	1	1.13
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	7	1.13
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	20	1.13
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	17	1.13
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	17	1.13
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	6	1.13
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	6	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	9	1.13
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	9	1.13
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	9	1.13
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	9	1.13
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	2	1.13
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	2	1.13
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE1	18	1.13
(1,2339)	1:835:A:LYS:HA	1:875:A:TYR:HE2	18	1.13
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	16	1.13
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	16	1.13
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD1	5	1.13
(1,2321)	1:845:A:LEU:HD21	1:882:A:PHE:HD2	5	1.13
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD1	5	1.13
(1,2321)	1:845:A:LEU:HD22	1:882:A:PHE:HD2	5	1.13
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD1	5	1.13
(1,2321)	1:845:A:LEU:HD23	1:882:A:PHE:HD2	5	1.13
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	19	1.13
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	19	1.13
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	19	1.13
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	19	1.13
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	19	1.13
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	19	1.13
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	20	1.13
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	20	1.13
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	20	1.13
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	20	1.13
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	20	1.13
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	20	1.13
(1,2308)	1:912:A:PHE:HD1	1:913:A:THR:HA	13	1.13
(1,2308)	1:912:A:PHE:HD2	1:913:A:THR:HA	13	1.13
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	1	1.13
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	1	1.13
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	12	1.13
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	12	1.13
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	14	1.13
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	14	1.13
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	19	1.13
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	19	1.13
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	12	1.13
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	12	1.13
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	12	1.13
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	12	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	12	1.13
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	12	1.13
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	12	1.13
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	12	1.13
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	16	1.13
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	19	1.13
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	19	1.13
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	11	1.13
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	11	1.13
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	13	1.13
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	13	1.13
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	16	1.13
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	16	1.13
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	3	1.13
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	3	1.13
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	3	1.13
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	5	1.13
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	5	1.13
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	5	1.13
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	11	1.13
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	14	1.13
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	14	1.13
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	14	1.13
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	7	1.13
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	7	1.13
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	7	1.13
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	9	1.13
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	9	1.13
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	18	1.13
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	18	1.13
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	8	1.13
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	8	1.13
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	20	1.13
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	20	1.13
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	9	1.13
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	9	1.13
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	7	1.13
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	15	1.13
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	18	1.13
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	18	1.13
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	18	1.13
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	18	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	5	1.13
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	5	1.13
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	5	1.13
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	14	1.13
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	14	1.13
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	14	1.13
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	15	1.13
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	15	1.13
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	15	1.13
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	16	1.13
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	16	1.13
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	16	1.13
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	13	1.13
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	13	1.13
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	13	1.13
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	4	1.13
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	4	1.13
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	5	1.13
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	5	1.13
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	12	1.13
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	12	1.13
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	1	1.13
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	1	1.13
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	1	1.13
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	1	1.13
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	10	1.13
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	10	1.13
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	10	1.13
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	11	1.13
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	12	1.13
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	13	1.13
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	13	1.13
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	13	1.13
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	14	1.13
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	14	1.13
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	14	1.13
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	20	1.13
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	20	1.13
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	3	1.13
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	3	1.13
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	20	1.13
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	18	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	18	1.13
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	18	1.13
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	18	1.13
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	18	1.13
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	16	1.13
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	9	1.13
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	9	1.13
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	9	1.13
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	9	1.13
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	16	1.13
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	2	1.13
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	9	1.13
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	18	1.13
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	19	1.13
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	9	1.13
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	9	1.13
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	9	1.13
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	15	1.13
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	2	1.13
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	13	1.13
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	5	1.13
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	5	1.13
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	5	1.13
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	6	1.13
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	6	1.13
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	6	1.13
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	15	1.13
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	15	1.13
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	15	1.13
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	2	1.13
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	2	1.13
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	4	1.13
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	4	1.13
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	8	1.13
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	8	1.13
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	16	1.13
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	16	1.13
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	17	1.13
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	17	1.13
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	15	1.13
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	15	1.13
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	15	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	16	1.13
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	6	1.13
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	6	1.13
(1,1663)	1:875:A:TYR:HD1	1:876:A:LEU:H	16	1.13
(1,1663)	1:875:A:TYR:HD2	1:876:A:LEU:H	16	1.13
(1,1662)	1:875:A:TYR:H	1:876:A:LEU:H	6	1.13
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	1	1.13
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	1	1.13
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	3	1.13
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	3	1.13
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	3	1.13
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	10	1.13
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	10	1.13
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	10	1.13
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	8	1.13
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	7	1.13
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	9	1.13
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	13	1.13
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	5	1.13
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD11	1	1.13
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD12	1	1.13
(1,1467)	1:858:A:LYS:H	1:862:A:ILE:HD13	1	1.13
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	1	1.13
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	6	1.13
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	20	1.13
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	20	1.13
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	7	1.13
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	16	1.13
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	16	1.13
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	16	1.13
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD21	19	1.13
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD22	19	1.13
(1,1377)	1:851:A:LEU:H	1:851:A:LEU:HD23	19	1.13
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	5	1.13
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	10	1.13
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	12	1.13
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	12	1.13
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	12	1.13
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	12	1.13
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	12	1.13
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	8	1.13
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	16	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	16	1.13
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	16	1.13
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	14	1.13
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	14	1.13
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	14	1.13
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	14	1.13
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	5	1.13
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	1	1.13
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	1	1.13
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	2	1.13
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	2	1.13
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	2	1.13
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	4	1.13
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	17	1.13
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	15	1.13
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	6	1.13
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	6	1.13
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	6	1.13
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	6	1.13
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	18	1.13
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	18	1.13
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	18	1.13
(1,1161)	1:825:A:CYS:HB3	1:826:A:ALA:H	2	1.13
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	14	1.13
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	14	1.13
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	14	1.13
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	20	1.13
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	20	1.13
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	20	1.13
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	14	1.13
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	14	1.13
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	14	1.13
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	2	1.13
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	2	1.13
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	2	1.13
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	14	1.13
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	14	1.13
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	14	1.13
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	17	1.13
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	17	1.13
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	17	1.13
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	10	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	10	1.13
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	5	1.13
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	5	1.13
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	6	1.13
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	2	1.13
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	20	1.13
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	5	1.13
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	5	1.13
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	5	1.13
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	6	1.13
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	6	1.13
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	6	1.13
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	10	1.13
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	10	1.13
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	10	1.13
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	12	1.13
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	12	1.13
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	12	1.13
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	18	1.13
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	18	1.13
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	18	1.13
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	13	1.13
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	20	1.13
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	5	1.13
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	5	1.13
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	5	1.13
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	20	1.13
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	20	1.13
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	10	1.13
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	2	1.13
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	14	1.13
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	16	1.13
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	1	1.13
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	4	1.13
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	4	1.13
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	4	1.13
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	10	1.13
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	11	1.13
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	12	1.13
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	12	1.13
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	3	1.13
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	2	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	15	1.13
(1,972)	1:807:A:TYR:HB3	1:808:A:GLU:H	8	1.13
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	3	1.13
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	8	1.13
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	7	1.13
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	19	1.13
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	3	1.13
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	3	1.13
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	3	1.13
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	2	1.13
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	2	1.13
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	2	1.13
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	6	1.13
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	6	1.13
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	6	1.13
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	14	1.13
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	14	1.13
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	14	1.13
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	20	1.13
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	20	1.13
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	20	1.13
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	4	1.13
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	4	1.13
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	4	1.13
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	6	1.13
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	6	1.13
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	6	1.13
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	13	1.13
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	13	1.13
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	13	1.13
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	18	1.13
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	18	1.13
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	18	1.13
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	18	1.13
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	20	1.13
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	7	1.13
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	7	1.13
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	7	1.13
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	17	1.13
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	17	1.13
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	17	1.13
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	17	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	17	1.13
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	17	1.13
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	14	1.13
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	14	1.13
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	14	1.13
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	7	1.13
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	7	1.13
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	7	1.13
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	15	1.13
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	15	1.13
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	15	1.13
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	4	1.13
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	4	1.13
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	4	1.13
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	6	1.13
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	6	1.13
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	6	1.13
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	6	1.13
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	18	1.13
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	18	1.13
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	18	1.13
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	15	1.13
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	15	1.13
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	3	1.13
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	4	1.13
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	4	1.13
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	14	1.13
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	14	1.13
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	7	1.13
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	7	1.13
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	7	1.13
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	13	1.13
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	13	1.13
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	13	1.13
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	8	1.13
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	19	1.13
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	19	1.13
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	19	1.13
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	3	1.13
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	3	1.13
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	3	1.13
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	3	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	13	1.13
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	13	1.13
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	13	1.13
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	13	1.13
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	6	1.13
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	6	1.13
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	6	1.13
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	1	1.13
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	1	1.13
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	1	1.13
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	11	1.13
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	11	1.13
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	11	1.13
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	7	1.13
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	7	1.13
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	7	1.13
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	4	1.13
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	4	1.13
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	4	1.13
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	6	1.13
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	6	1.13
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	6	1.13
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	12	1.13
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	12	1.13
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	12	1.13
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	3	1.13
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	3	1.13
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	3	1.13
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	19	1.13
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	19	1.13
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	19	1.13
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	13	1.13
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	4	1.13
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	4	1.13
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	12	1.13
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	12	1.13
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	12	1.13
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	13	1.13
(1,483)	1:874:A:LEU:HA	1:877:A:SER:HG	18	1.13
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	10	1.13
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	5	1.13
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	16	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	9	1.13
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	9	1.13
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	9	1.13
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	7	1.13
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	14	1.13
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	5	1.13
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	5	1.13
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	5	1.13
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	5	1.13
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	3	1.13
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	3	1.13
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	3	1.13
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	13	1.13
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	13	1.13
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	13	1.13
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	17	1.13
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	17	1.13
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	17	1.13
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	8	1.13
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	8	1.13
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	8	1.13
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	7	1.13
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	18	1.13
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	13	1.13
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	13	1.13
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	13	1.13
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	2	1.13
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	2	1.13
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	2	1.13
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	5	1.13
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	5	1.13
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	5	1.13
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	8	1.13
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	8	1.13
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	8	1.13
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	11	1.13
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	20	1.13
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	20	1.13
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	20	1.13
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	1	1.13
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	1	1.13
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	1	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	6	1.13
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	6	1.13
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	6	1.13
(1,292)	1:850:A:PHE:HA	1:853:A:LEU:HG	13	1.13
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	16	1.13
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	16	1.13
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	12	1.13
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	12	1.13
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	12	1.13
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	14	1.13
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	14	1.13
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	14	1.13
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	6	1.13
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	6	1.13
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	6	1.13
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	9	1.13
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	9	1.13
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	9	1.13
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	13	1.13
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	13	1.13
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	13	1.13
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	13	1.13
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	20	1.13
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE1	4	1.13
(1,213)	1:832:A:THR:HA	1:840:A:PHE:HE2	4	1.13
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	5	1.13
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	5	1.13
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	5	1.13
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	14	1.13
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	14	1.13
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	14	1.13
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	15	1.13
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	15	1.13
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	15	1.13
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	16	1.13
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	16	1.13
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	16	1.13
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	19	1.13
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	20	1.13
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	17	1.13
(1,160)	1:826:A:ALA:HA	1:829:A:LEU:HB2	4	1.13
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	20	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	5	1.13
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	5	1.13
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	5	1.13
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	14	1.13
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	14	1.13
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	14	1.13
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	18	1.13
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	18	1.13
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	18	1.13
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	16	1.13
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	16	1.13
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	16	1.13
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG21	13	1.13
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG22	13	1.13
(1,107)	1:815:A:ALA:HA	1:818:A:THR:HG23	13	1.13
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	3	1.13
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	3	1.13
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	3	1.13
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	5	1.13
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	5	1.13
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	5	1.13
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	8	1.13
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	8	1.13
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	8	1.13
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	7	1.13
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	7	1.13
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	7	1.13
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	15	1.13
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	15	1.13
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	15	1.13
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	19	1.13
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	19	1.13
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	19	1.13
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	8	1.13
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	8	1.13
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	8	1.13
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	2	1.13
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	2	1.13
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	2	1.13
(1,13)	1:800:A:ILE:HA	1:800:A:ILE:HG13	6	1.13
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	8	1.13
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	8	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	4	1.13
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	4	1.13
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	4	1.13
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	4	1.13
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	14	1.13
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	14	1.13
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	14	1.13
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	14	1.13
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	19	1.13
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	19	1.13
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	19	1.13
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	19	1.13
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	9	1.12
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	9	1.12
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	2	1.12
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	2	1.12
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	12	1.12
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	12	1.12
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	12	1.12
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	12	1.12
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	2	1.12
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	2	1.12
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	15	1.12
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	15	1.12
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	7	1.12
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	7	1.12
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	17	1.12
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	17	1.12
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB2	14	1.12
(1,3325)	1:892:A:GLY:HA2	1:895:A:GLU:HB3	14	1.12
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	8	1.12
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	8	1.12
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	19	1.12
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	19	1.12
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	19	1.12
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	19	1.12
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	18	1.12
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	18	1.12
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	7	1.12
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	7	1.12
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	8	1.12
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	8	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	15	1.12
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	15	1.12
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	14	1.12
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	14	1.12
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	13	1.12
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	13	1.12
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	13	1.12
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	13	1.12
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	8	1.12
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	8	1.12
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	1	1.12
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	1	1.12
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	11	1.12
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	11	1.12
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	1	1.12
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	1	1.12
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	19	1.12
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	19	1.12
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	4	1.12
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	4	1.12
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	13	1.12
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	13	1.12
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	10	1.12
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	10	1.12
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	12	1.12
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	12	1.12
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	10	1.12
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	10	1.12
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	6	1.12
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	6	1.12
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	14	1.12
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	14	1.12
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	15	1.12
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	15	1.12
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	9	1.12
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	9	1.12
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	5	1.12
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	5	1.12
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	2	1.12
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	2	1.12
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	3	1.12
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	3	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	6	1.12
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	6	1.12
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	1	1.12
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	9	1.12
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	9	1.12
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	9	1.12
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	4	1.12
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	4	1.12
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	4	1.12
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	15	1.12
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	15	1.12
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	15	1.12
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	8	1.12
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	8	1.12
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	8	1.12
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	20	1.12
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	20	1.12
(1,2938)	1:816:A:LEU:HB3	1:821:A:ASP:HB3	18	1.12
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	2	1.12
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	2	1.12
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	2	1.12
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	15	1.12
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	15	1.12
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	15	1.12
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	3	1.12
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	3	1.12
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	3	1.12
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	5	1.12
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	5	1.12
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	5	1.12
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	18	1.12
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	18	1.12
(1,2856)	1:920:A:LEU:HD11	1:923:A:GLN:HG2	9	1.12
(1,2856)	1:920:A:LEU:HD12	1:923:A:GLN:HG2	9	1.12
(1,2856)	1:920:A:LEU:HD13	1:923:A:GLN:HG2	9	1.12
(1,2848)	1:874:A:LEU:HD13	1:916:A:ASP:HB3	14	1.12
(1,2848)	1:874:A:LEU:HD11	1:916:A:ASP:HB3	14	1.12
(1,2848)	1:874:A:LEU:HD12	1:916:A:ASP:HB3	14	1.12
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	10	1.12
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	10	1.12
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	10	1.12
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	20	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	20	1.12
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	20	1.12
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	6	1.12
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	6	1.12
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	6	1.12
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	2	1.12
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	2	1.12
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	2	1.12
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	20	1.12
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	20	1.12
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	20	1.12
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG22	3	1.12
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG23	3	1.12
(1,2778)	1:817:A:SER:HB3	1:849:A:THR:HG21	3	1.12
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	16	1.12
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	16	1.12
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	16	1.12
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	8	1.12
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	8	1.12
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	8	1.12
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	8	1.12
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	8	1.12
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	8	1.12
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	16	1.12
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	1	1.12
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	10	1.12
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	3	1.12
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	3	1.12
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	3	1.12
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	3	1.12
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	3	1.12
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	3	1.12
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	7	1.12
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	7	1.12
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	7	1.12
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	7	1.12
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	7	1.12
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	7	1.12
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	12	1.12
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	12	1.12
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	12	1.12
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	7	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	7	1.12
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	7	1.12
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	7	1.12
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	16	1.12
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	16	1.12
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	5	1.12
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	14	1.12
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	14	1.12
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	14	1.12
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	14	1.12
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	14	1.12
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	14	1.12
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	7	1.12
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	7	1.12
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	7	1.12
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	11	1.12
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	11	1.12
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	11	1.12
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	19	1.12
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	19	1.12
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	19	1.12
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	19	1.12
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	19	1.12
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	19	1.12
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	2	1.12
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	2	1.12
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	2	1.12
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	3	1.12
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	3	1.12
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	3	1.12
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	3	1.12
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	3	1.12
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	3	1.12
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	3	1.12
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	3	1.12
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	8	1.12
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	8	1.12
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	8	1.12
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	13	1.12
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	10	1.12
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	10	1.12
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	14	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	14	1.12
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	7	1.12
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	7	1.12
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	13	1.12
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	13	1.12
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	1	1.12
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	1	1.12
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	1	1.12
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	1	1.12
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	2	1.12
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	2	1.12
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	6	1.12
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	6	1.12
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	3	1.12
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	3	1.12
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	10	1.12
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	10	1.12
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	20	1.12
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	20	1.12
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	9	1.12
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	10	1.12
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	10	1.12
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	15	1.12
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	1	1.12
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	10	1.12
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	2	1.12
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	1	1.12
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	1	1.12
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	15	1.12
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	15	1.12
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	14	1.12
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	14	1.12
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	8	1.12
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	8	1.12
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	10	1.12
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	10	1.12
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	15	1.12
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	15	1.12
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	15	1.12
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	15	1.12
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	2	1.12
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	2	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	3	1.12
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	3	1.12
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	10	1.12
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	10	1.12
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	12	1.12
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	12	1.12
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	14	1.12
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	14	1.12
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	15	1.12
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	15	1.12
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	19	1.12
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	19	1.12
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	20	1.12
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	20	1.12
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	10	1.12
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	10	1.12
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	11	1.12
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	11	1.12
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	11	1.12
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	4	1.12
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	4	1.12
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	15	1.12
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	15	1.12
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	15	1.12
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	12	1.12
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	12	1.12
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	8	1.12
(1,2156)	1:920:A:LEU:HB2	1:921:A:LYS:H	2	1.12
(1,2156)	1:920:A:LEU:HB3	1:921:A:LYS:H	2	1.12
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	17	1.12
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	17	1.12
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	17	1.12
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	2	1.12
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	2	1.12
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	10	1.12
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	10	1.12
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	12	1.12
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	12	1.12
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	16	1.12
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	16	1.12
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	7	1.12
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	15	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	9	1.12
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	9	1.12
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	14	1.12
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	14	1.12
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	14	1.12
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	3	1.12
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	3	1.12
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	5	1.12
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	12	1.12
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	12	1.12
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	12	1.12
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	15	1.12
(1,1969)	1:900:A:LEU:HD23	1:903:A:ASP:H	3	1.12
(1,1969)	1:900:A:LEU:HD21	1:903:A:ASP:H	3	1.12
(1,1969)	1:900:A:LEU:HD22	1:903:A:ASP:H	3	1.12
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	5	1.12
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	4	1.12
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	4	1.12
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	4	1.12
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	10	1.12
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	10	1.12
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	12	1.12
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	12	1.12
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	15	1.12
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	15	1.12
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	8	1.12
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	8	1.12
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	8	1.12
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	14	1.12
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	2	1.12
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	2	1.12
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	2	1.12
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	2	1.12
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	20	1.12
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	11	1.12
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	6	1.12
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	6	1.12
(1,1733)	1:845:A:LEU:HD11	1:880:A:GLU:H	10	1.12
(1,1733)	1:845:A:LEU:HD12	1:880:A:GLU:H	10	1.12
(1,1733)	1:845:A:LEU:HD13	1:880:A:GLU:H	10	1.12
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	12	1.12
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	12	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	6	1.12
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	1	1.12
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	1	1.12
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	1	1.12
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	18	1.12
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	18	1.12
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	18	1.12
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	7	1.12
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	7	1.12
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	7	1.12
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	10	1.12
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	10	1.12
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	10	1.12
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	20	1.12
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	20	1.12
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	20	1.12
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	3	1.12
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	3	1.12
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	11	1.12
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	11	1.12
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	14	1.12
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	14	1.12
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	14	1.12
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	16	1.12
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	16	1.12
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	16	1.12
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	7	1.12
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	4	1.12
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	4	1.12
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	4	1.12
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	2	1.12
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	2	1.12
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	2	1.12
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	15	1.12
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	15	1.12
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	15	1.12
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	6	1.12
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	6	1.12
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	6	1.12
(1,1546)	1:861:A:LEU:HA	1:865:A:ASP:H	10	1.12
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	3	1.12
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	11	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1531)	1:861:A:LEU:HA	1:864:A:LYS:H	8	1.12
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	11	1.12
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	1	1.12
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	1	1.12
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	1	1.12
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	1	1.12
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	1	1.12
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	9	1.12
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	9	1.12
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	1	1.12
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	4	1.12
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	18	1.12
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	12	1.12
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	14	1.12
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	8	1.12
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	8	1.12
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	8	1.12
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	11	1.12
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	11	1.12
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	1	1.12
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	11	1.12
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	12	1.12
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	17	1.12
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	13	1.12
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	13	1.12
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	13	1.12
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	19	1.12
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	19	1.12
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	19	1.12
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD21	8	1.12
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD22	8	1.12
(1,1363)	1:849:A:THR:H	1:852:A:LEU:HD23	8	1.12
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	5	1.12
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	5	1.12
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	14	1.12
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	6	1.12
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	6	1.12
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	6	1.12
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	7	1.12
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	7	1.12
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	7	1.12
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	20	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	3	1.12
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	3	1.12
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	3	1.12
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	14	1.12
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	14	1.12
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	5	1.12
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD1	18	1.12
(1,1258)	1:836:A:ASP:H	1:875:A:TYR:HD2	18	1.12
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	5	1.12
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	5	1.12
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	5	1.12
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	8	1.12
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	8	1.12
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	8	1.12
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	16	1.12
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	16	1.12
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	16	1.12
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	18	1.12
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	3	1.12
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	1	1.12
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	1	1.12
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	1	1.12
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	10	1.12
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	10	1.12
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	10	1.12
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	3	1.12
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	3	1.12
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	7	1.12
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	7	1.12
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	15	1.12
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	15	1.12
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	15	1.12
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	16	1.12
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	16	1.12
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	16	1.12
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	1	1.12
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	1	1.12
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	1	1.12
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	12	1.12
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	12	1.12
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	12	1.12
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	17	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	17	1.12
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	17	1.12
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	20	1.12
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	20	1.12
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	20	1.12
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	12	1.12
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	12	1.12
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	13	1.12
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	13	1.12
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	15	1.12
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	15	1.12
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	15	1.12
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	15	1.12
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	3	1.12
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	3	1.12
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	3	1.12
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	8	1.12
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	8	1.12
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	8	1.12
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	11	1.12
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	11	1.12
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	11	1.12
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	16	1.12
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	16	1.12
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	16	1.12
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	19	1.12
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	19	1.12
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	19	1.12
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	6	1.12
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	16	1.12
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	15	1.12
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	15	1.12
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	15	1.12
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	3	1.12
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	3	1.12
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	3	1.12
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	9	1.12
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	9	1.12
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	14	1.12
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	14	1.12
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	15	1.12
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	1	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	13	1.12
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	13	1.12
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	11	1.12
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	11	1.12
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	17	1.12
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	5	1.12
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	6	1.12
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	15	1.12
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	6	1.12
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	6	1.12
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	9	1.12
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	18	1.12
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	13	1.12
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	11	1.12
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	5	1.12
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	4	1.12
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	17	1.12
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	17	1.12
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	17	1.12
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	17	1.12
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	17	1.12
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	17	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	2	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	2	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	2	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	8	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	8	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	8	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	17	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	17	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	17	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	18	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	18	1.12
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	18	1.12
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	5	1.12
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	5	1.12
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	5	1.12
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	10	1.12
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	10	1.12
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	10	1.12
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	11	1.12
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	11	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	11	1.12
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	18	1.12
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	18	1.12
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	18	1.12
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	5	1.12
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	2	1.12
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	2	1.12
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	2	1.12
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	2	1.12
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	2	1.12
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	2	1.12
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	6	1.12
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	6	1.12
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	6	1.12
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	9	1.12
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	9	1.12
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	9	1.12
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	3	1.12
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	3	1.12
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	3	1.12
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	18	1.12
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	18	1.12
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	18	1.12
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	10	1.12
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	10	1.12
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	10	1.12
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	11	1.12
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	11	1.12
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	11	1.12
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	3	1.12
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	3	1.12
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	3	1.12
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	15	1.12
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	5	1.12
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	5	1.12
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	10	1.12
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	10	1.12
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	15	1.12
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	15	1.12
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	12	1.12
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	6	1.12
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	12	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	12	1.12
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	12	1.12
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	12	1.12
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	19	1.12
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	19	1.12
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	19	1.12
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	6	1.12
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	6	1.12
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	7	1.12
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	7	1.12
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	7	1.12
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	16	1.12
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	16	1.12
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	16	1.12
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	17	1.12
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	17	1.12
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	17	1.12
(1,594)	1:889:A:ILE:HG21	1:894:A:LYS:HB3	14	1.12
(1,594)	1:889:A:ILE:HG22	1:894:A:LYS:HB3	14	1.12
(1,594)	1:889:A:ILE:HG23	1:894:A:LYS:HB3	14	1.12
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	16	1.12
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	16	1.12
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	16	1.12
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	12	1.12
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	12	1.12
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	12	1.12
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	15	1.12
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	15	1.12
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	15	1.12
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	15	1.12
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	15	1.12
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	15	1.12
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	6	1.12
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	6	1.12
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	6	1.12
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	20	1.12
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	20	1.12
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	20	1.12
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	3	1.12
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	3	1.12
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	3	1.12
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	11	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	11	1.12
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	11	1.12
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	13	1.12
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	13	1.12
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	13	1.12
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	6	1.12
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	14	1.12
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	14	1.12
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	14	1.12
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	19	1.12
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	19	1.12
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	19	1.12
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	3	1.12
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	3	1.12
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	3	1.12
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	13	1.12
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	13	1.12
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	13	1.12
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	11	1.12
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	15	1.12
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	7	1.12
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	7	1.12
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	18	1.12
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	13	1.12
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	20	1.12
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	6	1.12
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	6	1.12
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	3	1.12
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	3	1.12
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	3	1.12
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	3	1.12
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	10	1.12
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	10	1.12
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	10	1.12
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	10	1.12
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	19	1.12
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	19	1.12
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	19	1.12
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	19	1.12
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	3	1.12
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	3	1.12
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	17	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	17	1.12
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	17	1.12
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	9	1.12
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	9	1.12
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	9	1.12
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	10	1.12
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	19	1.12
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	12	1.12
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	12	1.12
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	12	1.12
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	1	1.12
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	3	1.12
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	5	1.12
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	5	1.12
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	5	1.12
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	10	1.12
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	10	1.12
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	10	1.12
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	2	1.12
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	2	1.12
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	2	1.12
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	9	1.12
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	9	1.12
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	9	1.12
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	16	1.12
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	16	1.12
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	16	1.12
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	2	1.12
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	2	1.12
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	2	1.12
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	5	1.12
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	5	1.12
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	5	1.12
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	15	1.12
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	15	1.12
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	15	1.12
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	3	1.12
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	13	1.12
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	5	1.12
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	5	1.12
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	5	1.12
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	11	1.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	11	1.12
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	11	1.12
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	1	1.12
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	1	1.12
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	1	1.12
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	18	1.12
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	3	1.12
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	3	1.12
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	3	1.12
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD11	18	1.12
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD12	18	1.12
(1,74)	1:803:A:PRO:HB3	1:812:A:ILE:HD13	18	1.12
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD11	7	1.12
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD12	7	1.12
(1,72)	1:812:A:ILE:HB	1:812:A:ILE:HD13	7	1.12
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	1	1.12
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	12	1.12
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	12	1.12
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	12	1.12
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	7	1.12
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	7	1.12
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	7	1.12
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	7	1.12
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG2	8	1.11
(1,3388)	1:922:A:ARG:H	1:922:A:ARG:HG3	8	1.11
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	10	1.11
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	10	1.11
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	17	1.11
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	17	1.11
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	1	1.11
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	1	1.11
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	5	1.11
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	5	1.11
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	4	1.11
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	4	1.11
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	9	1.11
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	9	1.11
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	19	1.11
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	19	1.11
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	3	1.11
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	3	1.11
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	6	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	6	1.11
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB2	8	1.11
(1,3281)	1:877:A:SER:H	1:877:A:SER:HB3	8	1.11
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	6	1.11
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	6	1.11
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	9	1.11
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	9	1.11
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	5	1.11
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	5	1.11
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	8	1.11
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	8	1.11
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	4	1.11
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	4	1.11
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	16	1.11
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	16	1.11
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	5	1.11
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	5	1.11
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	11	1.11
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	11	1.11
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	13	1.11
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	13	1.11
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	14	1.11
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	14	1.11
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	16	1.11
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	16	1.11
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	6	1.11
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	6	1.11
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	9	1.11
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	9	1.11
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	19	1.11
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	19	1.11
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	14	1.11
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	14	1.11
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	14	1.11
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	14	1.11
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	18	1.11
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	18	1.11
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	17	1.11
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	17	1.11
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	5	1.11
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	5	1.11
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	1	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	1	1.11
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	3	1.11
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	13	1.11
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	16	1.11
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	17	1.11
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	12	1.11
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	12	1.11
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	12	1.11
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	14	1.11
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	14	1.11
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	14	1.11
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	6	1.11
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	15	1.11
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	15	1.11
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	19	1.11
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	19	1.11
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	12	1.11
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	12	1.11
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	9	1.11
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	10	1.11
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	12	1.11
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	20	1.11
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	19	1.11
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	19	1.11
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	19	1.11
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	9	1.11
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	9	1.11
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	18	1.11
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	18	1.11
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	18	1.11
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	19	1.11
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	19	1.11
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	19	1.11
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	2	1.11
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	2	1.11
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	2	1.11
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	16	1.11
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	16	1.11
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	16	1.11
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	5	1.11
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	10	1.11
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	10	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	10	1.11
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	15	1.11
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	15	1.11
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	15	1.11
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	17	1.11
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	17	1.11
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	17	1.11
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	18	1.11
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	18	1.11
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	18	1.11
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	2	1.11
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	2	1.11
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	2	1.11
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	18	1.11
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	18	1.11
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	18	1.11
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	1	1.11
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	1	1.11
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	1	1.11
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	9	1.11
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	9	1.11
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	9	1.11
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	11	1.11
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	11	1.11
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	11	1.11
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	4	1.11
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	4	1.11
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	13	1.11
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	13	1.11
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	19	1.11
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	19	1.11
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	9	1.11
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	9	1.11
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	9	1.11
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	17	1.11
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	17	1.11
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	17	1.11
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	3	1.11
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	4	1.11
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	20	1.11
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	8	1.11
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	8	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	8	1.11
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	18	1.11
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	18	1.11
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	18	1.11
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	18	1.11
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	18	1.11
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	18	1.11
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	4	1.11
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	9	1.11
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	9	1.11
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	9	1.11
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	2	1.11
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	2	1.11
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	18	1.11
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	18	1.11
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	14	1.11
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	14	1.11
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	10	1.11
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	11	1.11
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	17	1.11
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	9	1.11
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	9	1.11
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	20	1.11
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	20	1.11
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	19	1.11
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	12	1.11
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	12	1.11
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	12	1.11
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	19	1.11
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	19	1.11
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	19	1.11
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	15	1.11
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	15	1.11
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	15	1.11
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	16	1.11
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	16	1.11
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	16	1.11
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	18	1.11
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	18	1.11
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	18	1.11
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	17	1.11
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	17	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	17	1.11
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	17	1.11
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	17	1.11
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	17	1.11
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	15	1.11
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	15	1.11
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	15	1.11
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	14	1.11
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	14	1.11
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	14	1.11
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	3	1.11
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	3	1.11
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	3	1.11
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	3	1.11
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	3	1.11
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	3	1.11
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	2	1.11
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	2	1.11
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	9	1.11
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	9	1.11
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	12	1.11
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	12	1.11
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	13	1.11
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	13	1.11
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB1	17	1.11
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB2	17	1.11
(1,2566)	1:841:A:LEU:H	1:879:A:ALA:HB3	17	1.11
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	5	1.11
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	5	1.11
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE1	17	1.11
(1,2564)	1:836:A:ASP:HB2	1:840:A:PHE:HE2	17	1.11
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	13	1.11
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	12	1.11
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	19	1.11
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	19	1.11
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	11	1.11
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	11	1.11
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	16	1.11
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	16	1.11
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	1	1.11
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	1	1.11
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	19	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	19	1.11
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	5	1.11
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	20	1.11
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	4	1.11
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	4	1.11
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	1	1.11
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	16	1.11
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	20	1.11
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	20	1.11
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	9	1.11
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	2	1.11
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	2	1.11
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	2	1.11
(1,2366)	1:800:A:ILE:HD13	1:827:A:HIS:HD2	8	1.11
(1,2366)	1:800:A:ILE:HD11	1:827:A:HIS:HD2	8	1.11
(1,2366)	1:800:A:ILE:HD12	1:827:A:HIS:HD2	8	1.11
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	5	1.11
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	5	1.11
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	5	1.11
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	5	1.11
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	5	1.11
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	5	1.11
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	3	1.11
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	3	1.11
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	6	1.11
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	6	1.11
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	13	1.11
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	13	1.11
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	9	1.11
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	9	1.11
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	20	1.11
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	20	1.11
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	3	1.11
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	3	1.11
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	3	1.11
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	3	1.11
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	3	1.11
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	3	1.11
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	15	1.11
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	15	1.11
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	15	1.11
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	15	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	15	1.11
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	15	1.11
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	4	1.11
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	4	1.11
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	14	1.11
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	14	1.11
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	2	1.11
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	2	1.11
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	12	1.11
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	12	1.11
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	10	1.11
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	10	1.11
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	10	1.11
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	10	1.11
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	10	1.11
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	10	1.11
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	11	1.11
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	11	1.11
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	11	1.11
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	11	1.11
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	11	1.11
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	11	1.11
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	16	1.11
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	16	1.11
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	16	1.11
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	16	1.11
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	16	1.11
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	16	1.11
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	16	1.11
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	16	1.11
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	1	1.11
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	1	1.11
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	4	1.11
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	4	1.11
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	7	1.11
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	7	1.11
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	8	1.11
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	8	1.11
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	18	1.11
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	18	1.11
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	3	1.11
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	3	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	1	1.11
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	1	1.11
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	1	1.11
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	8	1.11
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	8	1.11
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	8	1.11
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	2	1.11
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	2	1.11
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	2	1.11
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	10	1.11
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	19	1.11
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	4	1.11
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	4	1.11
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	4	1.11
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	11	1.11
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	11	1.11
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	20	1.11
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	20	1.11
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	7	1.11
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	7	1.11
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	10	1.11
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	10	1.11
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	12	1.11
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	12	1.11
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	1	1.11
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	1	1.11
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	1	1.11
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	7	1.11
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	7	1.11
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	6	1.11
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	17	1.11
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	2	1.11
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	2	1.11
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	2	1.11
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	3	1.11
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	3	1.11
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	18	1.11
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	8	1.11
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	8	1.11
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	15	1.11
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	2	1.11
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	2	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	2	1.11
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	15	1.11
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	15	1.11
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	15	1.11
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	18	1.11
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	18	1.11
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	18	1.11
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	2	1.11
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	8	1.11
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	2	1.11
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	2	1.11
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	2	1.11
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	15	1.11
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	15	1.11
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	15	1.11
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	10	1.11
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	14	1.11
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	18	1.11
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	19	1.11
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	19	1.11
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	12	1.11
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	12	1.11
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	12	1.11
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	8	1.11
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	8	1.11
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	4	1.11
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	4	1.11
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	20	1.11
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	17	1.11
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	15	1.11
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	15	1.11
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	19	1.11
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	19	1.11
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	5	1.11
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	3	1.11
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	3	1.11
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	3	1.11
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	4	1.11
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	4	1.11
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	4	1.11
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	9	1.11
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	9	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	9	1.11
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	5	1.11
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	1	1.11
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	8	1.11
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	10	1.11
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	20	1.11
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	10	1.11
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	3	1.11
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	3	1.11
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	19	1.11
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	19	1.11
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	9	1.11
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	9	1.11
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	9	1.11
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	8	1.11
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	8	1.11
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	8	1.11
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	9	1.11
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	9	1.11
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	9	1.11
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	20	1.11
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	20	1.11
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	20	1.11
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD21	5	1.11
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD22	5	1.11
(1,1707)	1:878:A:LYS:H	1:920:A:LEU:HD23	5	1.11
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	15	1.11
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	15	1.11
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	20	1.11
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	20	1.11
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	19	1.11
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	13	1.11
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	13	1.11
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	9	1.11
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	9	1.11
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	9	1.11
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	19	1.11
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	19	1.11
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	19	1.11
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	20	1.11
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	20	1.11
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	20	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	3	1.11
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD11	13	1.11
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD12	13	1.11
(1,1654)	1:875:A:TYR:H	1:920:A:LEU:HD13	13	1.11
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	20	1.11
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	5	1.11
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	5	1.11
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	5	1.11
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	13	1.11
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	13	1.11
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	13	1.11
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	17	1.11
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	17	1.11
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	17	1.11
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	4	1.11
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	4	1.11
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	8	1.11
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	8	1.11
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	16	1.11
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	16	1.11
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	16	1.11
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	1	1.11
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	1	1.11
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	12	1.11
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	12	1.11
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	8	1.11
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	20	1.11
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	1	1.11
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	1	1.11
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	1	1.11
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	15	1.11
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	15	1.11
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	9	1.11
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	10	1.11
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	17	1.11
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	20	1.11
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	10	1.11
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	10	1.11
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	13	1.11
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	13	1.11
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	8	1.11
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	8	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	4	1.11
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	16	1.11
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	20	1.11
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	20	1.11
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	20	1.11
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	11	1.11
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	11	1.11
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	11	1.11
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	9	1.11
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	9	1.11
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	11	1.11
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	11	1.11
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	18	1.11
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	15	1.11
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	15	1.11
(1,1338)	1:846:A:GLU:HB2	1:848:A:ASP:H	11	1.11
(1,1338)	1:846:A:GLU:HB3	1:848:A:ASP:H	11	1.11
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	5	1.11
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	5	1.11
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	1	1.11
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	1	1.11
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	1	1.11
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	8	1.11
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	8	1.11
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	8	1.11
(1,1326)	1:841:A:LEU:HD22	1:844:A:LYS:H	20	1.11
(1,1326)	1:841:A:LEU:HD23	1:844:A:LYS:H	20	1.11
(1,1326)	1:841:A:LEU:HD21	1:844:A:LYS:H	20	1.11
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	10	1.11
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	10	1.11
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	10	1.11
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	2	1.11
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	16	1.11
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	5	1.11
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	5	1.11
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	5	1.11
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	17	1.11
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	17	1.11
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	17	1.11
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	7	1.11
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	10	1.11
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD1	18	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1280)	1:837:A:LEU:H	1:875:A:TYR:HD2	18	1.11
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	7	1.11
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	7	1.11
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	15	1.11
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	15	1.11
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	16	1.11
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	16	1.11
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	16	1.11
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	12	1.11
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	12	1.11
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	12	1.11
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	7	1.11
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	7	1.11
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	15	1.11
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	15	1.11
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	15	1.11
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE1	4	1.11
(1,1244)	1:833:A:ALA:H	1:840:A:PHE:HE2	4	1.11
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	7	1.11
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	7	1.11
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	7	1.11
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	6	1.11
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	7	1.11
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	12	1.11
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	2	1.11
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	3	1.11
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	17	1.11
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	13	1.11
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	2	1.11
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	2	1.11
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	2	1.11
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	7	1.11
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	7	1.11
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	7	1.11
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	16	1.11
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	16	1.11
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	16	1.11
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	3	1.11
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	4	1.11
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	4	1.11
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	4	1.11
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	18	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	18	1.11
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	18	1.11
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	4	1.11
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	4	1.11
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	4	1.11
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	7	1.11
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	7	1.11
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	7	1.11
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	5	1.11
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	5	1.11
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	5	1.11
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	12	1.11
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	12	1.11
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	12	1.11
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB1	19	1.11
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB2	19	1.11
(1,1135)	1:824:A:ALA:H	1:824:A:ALA:HB3	19	1.11
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	12	1.11
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	12	1.11
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	12	1.11
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	10	1.11
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	10	1.11
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	10	1.11
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	16	1.11
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	16	1.11
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	16	1.11
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	9	1.11
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	13	1.11
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	15	1.11
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	2	1.11
(1,1073)	1:816:A:LEU:HB2	1:817:A:SER:H	18	1.11
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	2	1.11
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	10	1.11
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	15	1.11
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	19	1.11
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	19	1.11
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	19	1.11
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	16	1.11
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	15	1.11
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	19	1.11
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	2	1.11
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	8	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	8	1.11
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	17	1.11
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	18	1.11
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	20	1.11
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	12	1.11
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	12	1.11
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	11	1.11
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	12	1.11
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	15	1.11
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	3	1.11
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	20	1.11
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	17	1.11
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	17	1.11
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	4	1.11
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	4	1.11
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	4	1.11
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	12	1.11
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	12	1.11
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	12	1.11
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	13	1.11
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	13	1.11
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	4	1.11
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	4	1.11
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	4	1.11
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	5	1.11
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	5	1.11
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	5	1.11
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	10	1.11
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	10	1.11
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	10	1.11
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	14	1.11
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	14	1.11
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	14	1.11
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	1	1.11
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	1	1.11
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	4	1.11
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	4	1.11
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	4	1.11
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	1	1.11
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	1	1.11
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	1	1.11
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	6	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	6	1.11
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	6	1.11
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	12	1.11
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	12	1.11
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	12	1.11
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	4	1.11
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	7	1.11
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	14	1.11
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	1	1.11
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	3	1.11
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	3	1.11
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	5	1.11
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	5	1.11
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	16	1.11
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	16	1.11
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	1	1.11
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	7	1.11
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	7	1.11
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	7	1.11
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	20	1.11
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	20	1.11
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	20	1.11
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	1	1.11
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	1	1.11
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	1	1.11
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	1	1.11
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	10	1.11
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	10	1.11
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	10	1.11
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	10	1.11
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	17	1.11
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	17	1.11
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	17	1.11
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	17	1.11
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	11	1.11
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	13	1.11
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	13	1.11
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	15	1.11
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	15	1.11
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	9	1.11
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	9	1.11
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	12	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	12	1.11
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	12	1.11
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	6	1.11
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	6	1.11
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	6	1.11
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	8	1.11
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	8	1.11
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	8	1.11
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	8	1.11
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	8	1.11
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	8	1.11
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	10	1.11
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	10	1.11
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	10	1.11
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	19	1.11
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	19	1.11
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	19	1.11
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	19	1.11
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	19	1.11
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	19	1.11
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	19	1.11
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	19	1.11
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	19	1.11
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	13	1.11
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	13	1.11
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	13	1.11
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	18	1.11
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	18	1.11
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	18	1.11
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	1	1.11
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	1	1.11
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	1	1.11
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	2	1.11
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	2	1.11
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	2	1.11
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	20	1.11
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	20	1.11
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	20	1.11
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	5	1.11
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	17	1.11
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	20	1.11
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	14	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	4	1.11
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	4	1.11
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	4	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	4	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	4	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	4	1.11
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	11	1.11
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	11	1.11
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	11	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	11	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	11	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	11	1.11
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	16	1.11
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	16	1.11
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	16	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	16	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	16	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	16	1.11
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	20	1.11
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	20	1.11
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	20	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	20	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	20	1.11
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	20	1.11
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	1	1.11
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	1	1.11
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	9	1.11
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	17	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	4	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	4	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	4	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	4	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	6	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	6	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	6	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	6	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	7	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	7	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	7	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	7	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	8	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	8	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	8	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	8	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	9	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	9	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	9	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	9	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	13	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	13	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	13	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	13	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	16	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	16	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	16	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	16	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	17	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	17	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	17	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	17	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	18	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	18	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	18	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	18	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	20	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	20	1.11
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	20	1.11
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	20	1.11
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	19	1.11
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	19	1.11
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	19	1.11
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	3	1.11
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	3	1.11
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	3	1.11
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	3	1.11
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	3	1.11
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	3	1.11
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	8	1.11
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	9	1.11
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	20	1.11
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	4	1.11
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	4	1.11
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	5	1.11
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	1	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	1	1.11
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	1	1.11
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	3	1.11
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	3	1.11
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	3	1.11
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	12	1.11
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	12	1.11
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	12	1.11
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	19	1.11
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	19	1.11
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	19	1.11
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	16	1.11
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	16	1.11
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	16	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	3	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	3	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	3	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	11	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	11	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	11	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	16	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	16	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	16	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	19	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	19	1.11
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	19	1.11
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	4	1.11
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	20	1.11
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	4	1.11
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	4	1.11
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	4	1.11
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	5	1.11
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	5	1.11
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	5	1.11
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	6	1.11
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	6	1.11
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	6	1.11
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	3	1.11
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	3	1.11
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	3	1.11
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	10	1.11
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	18	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	18	1.11
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	18	1.11
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	18	1.11
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	18	1.11
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	18	1.11
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	5	1.11
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	5	1.11
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	5	1.11
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	20	1.11
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	20	1.11
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	20	1.11
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	11	1.11
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	11	1.11
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	11	1.11
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	17	1.11
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	17	1.11
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	17	1.11
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	1	1.11
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	1	1.11
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	1	1.11
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	13	1.11
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	13	1.11
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	13	1.11
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	3	1.11
(1,175)	1:828:A:LEU:HA	1:828:A:LEU:HG	16	1.11
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	5	1.11
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	12	1.11
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD11	3	1.11
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD12	3	1.11
(1,157)	1:826:A:ALA:HA	1:829:A:LEU:HD13	3	1.11
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	20	1.11
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	20	1.11
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	7	1.11
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	7	1.11
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	7	1.11
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	7	1.11
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	7	1.11
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	7	1.11
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	13	1.11
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	13	1.11
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	13	1.11
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	20	1.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	4	1.11
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	4	1.11
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	4	1.11
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	6	1.11
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	6	1.11
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	6	1.11
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	20	1.11
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	20	1.11
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	20	1.11
(1,87)	1:813:A:ILE:HG21	1:814:A:ASN:HD21	17	1.11
(1,87)	1:813:A:ILE:HG22	1:814:A:ASN:HD21	17	1.11
(1,87)	1:813:A:ILE:HG23	1:814:A:ASN:HD21	17	1.11
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	3	1.11
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	18	1.11
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	6	1.11
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	18	1.11
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	2	1.11
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	2	1.11
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	2	1.11
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	3	1.11
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	3	1.11
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	3	1.11
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	4	1.1
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	4	1.1
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	11	1.1
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	11	1.1
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	7	1.1
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	7	1.1
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	11	1.1
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	11	1.1
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	6	1.1
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	6	1.1
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	7	1.1
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	7	1.1
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	9	1.1
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	9	1.1
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	12	1.1
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	12	1.1
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	15	1.1
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	15	1.1
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	15	1.1
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	15	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	15	1.1
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	15	1.1
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	15	1.1
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	15	1.1
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	1	1.1
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	1	1.1
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	11	1.1
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	11	1.1
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	19	1.1
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	19	1.1
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	12	1.1
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	12	1.1
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	3	1.1
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	3	1.1
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	8	1.1
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	8	1.1
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	9	1.1
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	9	1.1
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	1	1.1
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	1	1.1
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	8	1.1
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	8	1.1
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	17	1.1
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	17	1.1
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	18	1.1
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	18	1.1
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB2	8	1.1
(1,3125)	1:836:A:ASP:H	1:836:A:ASP:HB3	8	1.1
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	16	1.1
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	16	1.1
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	12	1.1
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	12	1.1
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	4	1.1
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	4	1.1
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	7	1.1
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	7	1.1
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	5	1.1
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	5	1.1
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	9	1.1
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	9	1.1
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	11	1.1
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	11	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	12	1.1
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	12	1.1
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	18	1.1
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	18	1.1
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	6	1.1
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	6	1.1
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE3	4	1.1
(1,3027)	1:797:A:LYS:HG2	1:797:A:LYS:HE2	4	1.1
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE3	4	1.1
(1,3027)	1:797:A:LYS:HG3	1:797:A:LYS:HE2	4	1.1
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	3	1.1
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	3	1.1
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	11	1.1
(1,2985)	1:889:A:ILE:HD12	1:890:A:SER:H	1	1.1
(1,2985)	1:889:A:ILE:HD13	1:890:A:SER:H	1	1.1
(1,2985)	1:889:A:ILE:HD11	1:890:A:SER:H	1	1.1
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	17	1.1
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	17	1.1
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	19	1.1
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	19	1.1
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	19	1.1
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	4	1.1
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	11	1.1
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	11	1.1
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	11	1.1
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	14	1.1
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	14	1.1
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	14	1.1
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	5	1.1
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	5	1.1
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	5	1.1
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	3	1.1
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	3	1.1
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	3	1.1
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	9	1.1
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	9	1.1
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	9	1.1
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	17	1.1
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	17	1.1
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	17	1.1
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	2	1.1
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	2	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	2	1.1
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	13	1.1
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	13	1.1
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	13	1.1
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	7	1.1
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	10	1.1
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	10	1.1
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	12	1.1
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	12	1.1
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	4	1.1
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	4	1.1
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	4	1.1
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	19	1.1
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	4	1.1
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	18	1.1
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	1	1.1
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	1	1.1
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	15	1.1
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	15	1.1
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	8	1.1
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	16	1.1
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	1	1.1
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	13	1.1
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	8	1.1
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	8	1.1
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	8	1.1
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	8	1.1
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	8	1.1
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	8	1.1
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	13	1.1
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	13	1.1
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	13	1.1
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	12	1.1
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	12	1.1
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	12	1.1
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	20	1.1
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	20	1.1
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	20	1.1
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	14	1.1
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	13	1.1
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	13	1.1
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	9	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	9	1.1
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	10	1.1
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	1	1.1
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	1	1.1
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	2	1.1
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	2	1.1
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	7	1.1
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	14	1.1
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	4	1.1
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	4	1.1
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	10	1.1
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	10	1.1
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	20	1.1
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	20	1.1
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	7	1.1
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	7	1.1
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	14	1.1
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	14	1.1
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	10	1.1
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	10	1.1
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	7	1.1
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	16	1.1
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	16	1.1
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	5	1.1
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	5	1.1
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	9	1.1
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	9	1.1
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	9	1.1
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	20	1.1
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	20	1.1
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	20	1.1
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	20	1.1
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	20	1.1
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	20	1.1
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	18	1.1
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	18	1.1
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	7	1.1
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	7	1.1
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	6	1.1
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	6	1.1
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	6	1.1
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	6	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	6	1.1
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	6	1.1
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	13	1.1
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	13	1.1
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	13	1.1
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	13	1.1
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	13	1.1
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	13	1.1
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE1	20	1.1
(1,2286)	1:897:A:ILE:HG21	1:924:A:TYR:HE2	20	1.1
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE1	20	1.1
(1,2286)	1:897:A:ILE:HG22	1:924:A:TYR:HE2	20	1.1
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE1	20	1.1
(1,2286)	1:897:A:ILE:HG23	1:924:A:TYR:HE2	20	1.1
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	11	1.1
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	11	1.1
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	2	1.1
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	2	1.1
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	2	1.1
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	1	1.1
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	1	1.1
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	6	1.1
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	6	1.1
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	9	1.1
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	9	1.1
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	17	1.1
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	17	1.1
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	10	1.1
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	10	1.1
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	9	1.1
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	9	1.1
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	9	1.1
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	3	1.1
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	18	1.1
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	18	1.1
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	17	1.1
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	17	1.1
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	17	1.1
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	18	1.1
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	18	1.1
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	20	1.1
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	20	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	12	1.1
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	12	1.1
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	12	1.1
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	17	1.1
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	17	1.1
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	18	1.1
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	18	1.1
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	1	1.1
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	3	1.1
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	6	1.1
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	17	1.1
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	17	1.1
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	17	1.1
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	12	1.1
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	12	1.1
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	12	1.1
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	2	1.1
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	2	1.1
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	4	1.1
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	4	1.1
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	6	1.1
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	6	1.1
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	16	1.1
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	16	1.1
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	16	1.1
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	7	1.1
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	13	1.1
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	13	1.1
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	6	1.1
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	6	1.1
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	11	1.1
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	11	1.1
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	17	1.1
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	17	1.1
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	2	1.1
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	2	1.1
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	7	1.1
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	7	1.1
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	14	1.1
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	9	1.1
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	14	1.1
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	14	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	14	1.1
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	9	1.1
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	9	1.1
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	9	1.1
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	5	1.1
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	11	1.1
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	12	1.1
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	5	1.1
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	5	1.1
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	19	1.1
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	19	1.1
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	2	1.1
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	2	1.1
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	9	1.1
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	14	1.1
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	14	1.1
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	14	1.1
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	16	1.1
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	16	1.1
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	16	1.1
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	2	1.1
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	2	1.1
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	2	1.1
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	8	1.1
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	6	1.1
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	6	1.1
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	20	1.1
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	20	1.1
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	20	1.1
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	20	1.1
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	2	1.1
(1,1860)	1:893:A:GLN:HB3	1:893:A:GLN:HE21	19	1.1
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	1	1.1
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	1	1.1
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	5	1.1
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	7	1.1
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	7	1.1
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	7	1.1
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	14	1.1
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	14	1.1
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	14	1.1
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	17	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	17	1.1
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	17	1.1
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	7	1.1
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	17	1.1
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	9	1.1
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	9	1.1
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	2	1.1
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	2	1.1
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	3	1.1
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	3	1.1
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	8	1.1
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	8	1.1
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	13	1.1
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	13	1.1
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	16	1.1
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	16	1.1
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	11	1.1
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	9	1.1
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	19	1.1
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	19	1.1
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	19	1.1
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	18	1.1
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	18	1.1
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	18	1.1
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	4	1.1
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	4	1.1
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	9	1.1
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	15	1.1
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	15	1.1
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	10	1.1
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	10	1.1
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	10	1.1
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	4	1.1
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	10	1.1
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	10	1.1
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	11	1.1
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	11	1.1
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	4	1.1
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	4	1.1
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	8	1.1
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	8	1.1
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	19	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	19	1.1
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	20	1.1
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	20	1.1
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	20	1.1
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	10	1.1
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	10	1.1
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	9	1.1
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	9	1.1
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	9	1.1
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	16	1.1
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	16	1.1
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	16	1.1
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	5	1.1
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	5	1.1
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	5	1.1
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	7	1.1
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	7	1.1
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	7	1.1
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	8	1.1
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	15	1.1
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	6	1.1
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	6	1.1
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	6	1.1
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	20	1.1
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	20	1.1
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	4	1.1
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	4	1.1
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	18	1.1
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	18	1.1
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	8	1.1
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	2	1.1
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	2	1.1
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	2	1.1
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	18	1.1
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	18	1.1
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	3	1.1
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	5	1.1
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	10	1.1
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	15	1.1
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	20	1.1
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	12	1.1
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	16	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	20	1.1
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	20	1.1
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	15	1.1
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	6	1.1
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	13	1.1
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	1	1.1
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	1	1.1
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	1	1.1
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	16	1.1
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	16	1.1
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	4	1.1
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	4	1.1
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	13	1.1
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	8	1.1
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	8	1.1
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	8	1.1
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	15	1.1
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	15	1.1
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	15	1.1
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	16	1.1
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	16	1.1
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	16	1.1
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	17	1.1
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	18	1.1
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	18	1.1
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	3	1.1
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	4	1.1
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	18	1.1
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	18	1.1
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	18	1.1
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	18	1.1
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	18	1.1
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	18	1.1
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	10	1.1
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	15	1.1
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	10	1.1
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	7	1.1
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	7	1.1
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	7	1.1
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	13	1.1
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	13	1.1
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	13	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	10	1.1
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	10	1.1
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	10	1.1
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	20	1.1
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	20	1.1
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	20	1.1
(1,1185)	1:816:A:LEU:HD12	1:828:A:LEU:H	13	1.1
(1,1185)	1:816:A:LEU:HD13	1:828:A:LEU:H	13	1.1
(1,1185)	1:816:A:LEU:HD11	1:828:A:LEU:H	13	1.1
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	15	1.1
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	15	1.1
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	15	1.1
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	15	1.1
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	8	1.1
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	8	1.1
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	8	1.1
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD12	5	1.1
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD13	5	1.1
(1,1152)	1:825:A:CYS:H	1:852:A:LEU:HD11	5	1.1
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	6	1.1
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	6	1.1
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	6	1.1
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	15	1.1
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	15	1.1
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	9	1.1
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	9	1.1
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	9	1.1
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	3	1.1
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	3	1.1
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	19	1.1
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	19	1.1
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	19	1.1
(1,1082)	1:816:A:LEU:HD12	1:818:A:THR:H	13	1.1
(1,1082)	1:816:A:LEU:HD13	1:818:A:THR:H	13	1.1
(1,1082)	1:816:A:LEU:HD11	1:818:A:THR:H	13	1.1
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	4	1.1
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	12	1.1
(1,1063)	1:816:A:LEU:H	1:816:A:LEU:HG	19	1.1
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	4	1.1
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	4	1.1
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	4	1.1
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	9	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	9	1.1
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	9	1.1
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG22	13	1.1
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG23	13	1.1
(1,1050)	1:815:A:ALA:H	1:849:A:THR:HG21	13	1.1
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	12	1.1
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	12	1.1
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	6	1.1
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	12	1.1
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	12	1.1
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	10	1.1
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	3	1.1
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	3	1.1
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	19	1.1
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	19	1.1
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	15	1.1
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG3	1	1.1
(1,974)	1:808:A:GLU:H	1:808:A:GLU:HG2	1	1.1
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	2	1.1
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	11	1.1
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	5	1.1
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	19	1.1
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	7	1.1
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	2	1.1
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	15	1.1
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	11	1.1
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	16	1.1
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	16	1.1
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	16	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	3	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	3	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	3	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	9	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	9	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	9	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	13	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	13	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	13	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	15	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	15	1.1
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	15	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	3	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	3	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	3	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	7	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	7	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	7	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	9	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	9	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	9	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	17	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	17	1.1
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	17	1.1
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	17	1.1
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	17	1.1
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	17	1.1
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	4	1.1
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	4	1.1
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	4	1.1
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	4	1.1
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	14	1.1
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	14	1.1
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	14	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	5	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	5	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	5	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	11	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	11	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	11	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	12	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	12	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	12	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	15	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	15	1.1
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	15	1.1
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	15	1.1
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	3	1.1
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	3	1.1
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	3	1.1
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	9	1.1
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	9	1.1
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	9	1.1
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	1	1.1
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	8	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	8	1.1
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	18	1.1
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	18	1.1
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	1	1.1
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	1	1.1
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	3	1.1
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	3	1.1
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	15	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	5	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	5	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	5	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	10	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	10	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	10	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	11	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	11	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	11	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	15	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	15	1.1
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	15	1.1
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	3	1.1
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	9	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	2	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	2	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	2	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	2	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	4	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	4	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	4	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	4	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	5	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	5	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	5	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	5	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	9	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	9	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	9	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	9	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	14	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	14	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	14	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	14	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	15	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	15	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	15	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	15	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	20	1.1
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	20	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	20	1.1
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	20	1.1
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	10	1.1
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	10	1.1
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	15	1.1
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	15	1.1
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	8	1.1
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	8	1.1
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	2	1.1
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	2	1.1
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	18	1.1
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	18	1.1
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	18	1.1
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	18	1.1
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	18	1.1
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	18	1.1
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	2	1.1
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	2	1.1
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	2	1.1
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	2	1.1
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	2	1.1
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	2	1.1
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	13	1.1
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	13	1.1
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	13	1.1
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	15	1.1
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	14	1.1
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	10	1.1
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	10	1.1
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	10	1.1
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	15	1.1
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	15	1.1
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	15	1.1
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	16	1.1
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD22	8	1.1
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD23	8	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,476)	1:854:A:ILE:HA	1:873:A:LEU:HD21	8	1.1
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	16	1.1
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	16	1.1
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	16	1.1
(1,457)	1:871:A:GLN:HA	1:871:A:GLN:HG2	13	1.1
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	10	1.1
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	6	1.1
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	10	1.1
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	15	1.1
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	1	1.1
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	1	1.1
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	1	1.1
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	1	1.1
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	11	1.1
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	11	1.1
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	11	1.1
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	11	1.1
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	12	1.1
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	12	1.1
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	12	1.1
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	12	1.1
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG3	14	1.1
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG3	14	1.1
(1,407)	1:863:A:GLU:HB2	1:863:A:GLU:HG2	14	1.1
(1,407)	1:863:A:GLU:HB3	1:863:A:GLU:HG2	14	1.1
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	10	1.1
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	10	1.1
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	4	1.1
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	4	1.1
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	4	1.1
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	19	1.1
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	19	1.1
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	19	1.1
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	16	1.1
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	16	1.1
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	10	1.1
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	10	1.1
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	10	1.1
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD11	19	1.1
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD12	19	1.1
(1,365)	1:829:A:LEU:HG	1:857:A:LEU:HD13	19	1.1
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	11	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	11	1.1
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	11	1.1
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	11	1.1
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	11	1.1
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	11	1.1
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	20	1.1
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	20	1.1
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	20	1.1
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	8	1.1
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	8	1.1
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	8	1.1
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	4	1.1
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	4	1.1
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	4	1.1
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	11	1.1
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	11	1.1
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	14	1.1
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	14	1.1
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	11	1.1
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	11	1.1
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	11	1.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	6	1.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	6	1.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	6	1.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	6	1.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	6	1.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	6	1.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	19	1.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	19	1.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	19	1.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	19	1.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	19	1.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	19	1.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD13	20	1.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD11	20	1.1
(1,210)	1:802:A:LYS:HB2	1:831:A:ILE:HD12	20	1.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD13	20	1.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD11	20	1.1
(1,210)	1:802:A:LYS:HB3	1:831:A:ILE:HD12	20	1.1
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	4	1.1
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	4	1.1
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	4	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	7	1.1
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	7	1.1
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	7	1.1
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	17	1.1
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	17	1.1
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	17	1.1
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	10	1.1
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	10	1.1
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	10	1.1
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	12	1.1
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	12	1.1
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	12	1.1
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	8	1.1
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	8	1.1
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	8	1.1
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	15	1.1
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	15	1.1
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	15	1.1
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	20	1.1
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	20	1.1
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	20	1.1
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	2	1.1
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	11	1.1
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	16	1.1
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	9	1.1
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	16	1.1
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	18	1.1
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	17	1.1
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	19	1.1
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	19	1.1
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	2	1.1
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	2	1.1
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	9	1.1
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	9	1.1
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	9	1.1
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	8	1.1
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	8	1.1
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	8	1.1
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	17	1.1
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	17	1.1
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	17	1.1
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	20	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	20	1.1
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	20	1.1
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	11	1.1
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	9	1.1
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	14	1.1
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	19	1.1
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	20	1.1
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	20	1.1
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	20	1.1
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	4	1.1
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	15	1.1
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	20	1.1
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	20	1.1
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG3	14	1.09
(1,3342)	1:899:A:GLN:H	1:899:A:GLN:HG2	14	1.09
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	18	1.09
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	18	1.09
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	1	1.09
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	1	1.09
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	16	1.09
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	16	1.09
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	5	1.09
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	5	1.09
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	10	1.09
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	10	1.09
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	1	1.09
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	1	1.09
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	11	1.09
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	11	1.09
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	20	1.09
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	20	1.09
(1,3259)	1:866:A:PRO:HD2	1:867:A:SER:H	3	1.09
(1,3259)	1:866:A:PRO:HD3	1:867:A:SER:H	3	1.09
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	18	1.09
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	18	1.09
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	2	1.09
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	2	1.09
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	6	1.09
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	6	1.09
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	20	1.09
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	20	1.09
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	3	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	3	1.09
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	15	1.09
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	15	1.09
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	7	1.09
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	7	1.09
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	7	1.09
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	7	1.09
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	9	1.09
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	9	1.09
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	16	1.09
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	16	1.09
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	9	1.09
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	9	1.09
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	17	1.09
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	17	1.09
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	17	1.09
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	17	1.09
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	11	1.09
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	11	1.09
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	16	1.09
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	16	1.09
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	16	1.09
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	16	1.09
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	16	1.09
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	16	1.09
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	19	1.09
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	19	1.09
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	9	1.09
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	9	1.09
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	9	1.09
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	9	1.09
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	4	1.09
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	4	1.09
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	14	1.09
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	14	1.09
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	19	1.09
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	4	1.09
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	17	1.09
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	4	1.09
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	3	1.09
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	8	1.09
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	3	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	3	1.09
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	18	1.09
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	18	1.09
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	1	1.09
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	10	1.09
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	17	1.09
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	14	1.09
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	1	1.09
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	1	1.09
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	1	1.09
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	7	1.09
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	7	1.09
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	7	1.09
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	19	1.09
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	19	1.09
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	19	1.09
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	13	1.09
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	4	1.09
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	2	1.09
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	2	1.09
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	2	1.09
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	13	1.09
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	13	1.09
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	13	1.09
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	15	1.09
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	15	1.09
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	15	1.09
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	10	1.09
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	10	1.09
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	10	1.09
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	20	1.09
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	20	1.09
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	20	1.09
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	11	1.09
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	11	1.09
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	11	1.09
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	19	1.09
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	19	1.09
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	19	1.09
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	11	1.09
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	11	1.09
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	11	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	5	1.09
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	5	1.09
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	5	1.09
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	6	1.09
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	15	1.09
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	15	1.09
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	15	1.09
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	13	1.09
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	15	1.09
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	9	1.09
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	9	1.09
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	9	1.09
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	11	1.09
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	11	1.09
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	11	1.09
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	14	1.09
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	14	1.09
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	14	1.09
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	14	1.09
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	14	1.09
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	14	1.09
(1,2697)	1:896:A:LEU:HB2	1:897:A:ILE:H	2	1.09
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	6	1.09
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	6	1.09
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	15	1.09
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	19	1.09
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	19	1.09
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	8	1.09
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	8	1.09
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	8	1.09
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	8	1.09
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	8	1.09
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	8	1.09
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	8	1.09
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	8	1.09
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	9	1.09
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	9	1.09
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	9	1.09
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	9	1.09
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	9	1.09
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	9	1.09
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	3	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	3	1.09
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	3	1.09
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	6	1.09
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	6	1.09
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	6	1.09
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	13	1.09
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	13	1.09
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	13	1.09
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	19	1.09
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	19	1.09
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	19	1.09
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	14	1.09
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	14	1.09
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	14	1.09
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	17	1.09
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	17	1.09
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	17	1.09
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	19	1.09
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	19	1.09
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	19	1.09
(1,2583)	1:901:A:PHE:HD2	1:921:A:LYS:HB3	6	1.09
(1,2583)	1:901:A:PHE:HD1	1:921:A:LYS:HB3	6	1.09
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	1	1.09
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	1	1.09
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	1	1.09
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	1	1.09
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	3	1.09
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	3	1.09
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	14	1.09
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	14	1.09
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	5	1.09
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	5	1.09
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	11	1.09
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	5	1.09
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	5	1.09
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	6	1.09
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	6	1.09
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	14	1.09
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	14	1.09
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD11	9	1.09
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD12	9	1.09
(1,2394)	1:809:A:PHE:HZ	1:829:A:LEU:HD13	9	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	17	1.09
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	17	1.09
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	11	1.09
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	11	1.09
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	3	1.09
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	3	1.09
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	1	1.09
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	1	1.09
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	8	1.09
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	8	1.09
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	8	1.09
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	8	1.09
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	8	1.09
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	8	1.09
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	3	1.09
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	3	1.09
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	20	1.09
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	20	1.09
(1,2243)	1:924:A:TYR:HD1	1:924:A:TYR:HH	5	1.09
(1,2243)	1:924:A:TYR:HD2	1:924:A:TYR:HH	5	1.09
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	15	1.09
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	15	1.09
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	15	1.09
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	13	1.09
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	13	1.09
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	13	1.09
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	14	1.09
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	15	1.09
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	15	1.09
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	15	1.09
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	17	1.09
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	17	1.09
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	17	1.09
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	15	1.09
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	15	1.09
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	2	1.09
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	2	1.09
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	13	1.09
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	13	1.09
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	16	1.09
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	16	1.09
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	12	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	12	1.09
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	12	1.09
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	10	1.09
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	8	1.09
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	9	1.09
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	1	1.09
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	1	1.09
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	1	1.09
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	10	1.09
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	10	1.09
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	10	1.09
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	4	1.09
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	4	1.09
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	18	1.09
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	18	1.09
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	1	1.09
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	1	1.09
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	8	1.09
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	8	1.09
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	9	1.09
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	9	1.09
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	20	1.09
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	20	1.09
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	13	1.09
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	13	1.09
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	15	1.09
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	15	1.09
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	1	1.09
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	1	1.09
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	14	1.09
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	14	1.09
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	10	1.09
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	5	1.09
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	18	1.09
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	11	1.09
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	11	1.09
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	11	1.09
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	19	1.09
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	16	1.09
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	16	1.09
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	16	1.09
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	20	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	20	1.09
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	20	1.09
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	9	1.09
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	9	1.09
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	9	1.09
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	11	1.09
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	11	1.09
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	17	1.09
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	17	1.09
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	18	1.09
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE2	6	1.09
(1,1841)	1:891:A:LYS:H	1:891:A:LYS:HE3	6	1.09
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	19	1.09
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	19	1.09
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	19	1.09
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	19	1.09
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	19	1.09
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	19	1.09
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	2	1.09
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	6	1.09
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	14	1.09
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	19	1.09
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	13	1.09
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	13	1.09
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	19	1.09
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	19	1.09
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	15	1.09
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	15	1.09
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	15	1.09
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	19	1.09
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	19	1.09
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	3	1.09
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	3	1.09
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	3	1.09
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	10	1.09
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	10	1.09
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	10	1.09
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	10	1.09
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	10	1.09
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	10	1.09
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	13	1.09
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	13	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	13	1.09
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	16	1.09
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	16	1.09
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	16	1.09
(1,1698)	1:877:A:SER:HG	1:878:A:LYS:H	5	1.09
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	9	1.09
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	9	1.09
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	14	1.09
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	14	1.09
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	14	1.09
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	17	1.09
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	17	1.09
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	17	1.09
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	17	1.09
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	17	1.09
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	17	1.09
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	18	1.09
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	18	1.09
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	18	1.09
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	1	1.09
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	2	1.09
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	3	1.09
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	3	1.09
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	5	1.09
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	5	1.09
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	6	1.09
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	6	1.09
(1,1624)	1:869:A:VAL:HG11	1:873:A:LEU:H	16	1.09
(1,1624)	1:869:A:VAL:HG12	1:873:A:LEU:H	16	1.09
(1,1624)	1:869:A:VAL:HG13	1:873:A:LEU:H	16	1.09
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	16	1.09
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	16	1.09
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	11	1.09
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	11	1.09
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	11	1.09
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	18	1.09
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	18	1.09
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	3	1.09
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	3	1.09
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	3	1.09
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	4	1.09
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	4	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	4	1.09
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	14	1.09
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	14	1.09
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	14	1.09
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	5	1.09
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	15	1.09
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	15	1.09
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	4	1.09
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	16	1.09
(1,1528)	1:864:A:LYS:H	1:864:A:LYS:HB2	10	1.09
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	9	1.09
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	9	1.09
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	9	1.09
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	2	1.09
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	2	1.09
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	16	1.09
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	16	1.09
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	13	1.09
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	14	1.09
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	14	1.09
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	14	1.09
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	6	1.09
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	3	1.09
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	5	1.09
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	2	1.09
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	12	1.09
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	3	1.09
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	11	1.09
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	1	1.09
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	1	1.09
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	3	1.09
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	3	1.09
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	12	1.09
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	12	1.09
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	12	1.09
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	12	1.09
(1,1376)	1:851:A:LEU:H	1:851:A:LEU:HB2	9	1.09
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	1	1.09
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	1	1.09
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	14	1.09
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	17	1.09
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	17	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	5	1.09
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	4	1.09
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	4	1.09
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	4	1.09
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	2	1.09
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	9	1.09
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	12	1.09
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	18	1.09
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	18	1.09
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	18	1.09
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	18	1.09
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	20	1.09
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	20	1.09
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	20	1.09
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD1	11	1.09
(1,1293)	1:840:A:PHE:H	1:840:A:PHE:HD2	11	1.09
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	18	1.09
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	5	1.09
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	10	1.09
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	10	1.09
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	10	1.09
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	4	1.09
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	11	1.09
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	5	1.09
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	16	1.09
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	6	1.09
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	6	1.09
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	6	1.09
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	3	1.09
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	3	1.09
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	3	1.09
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	13	1.09
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	13	1.09
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	13	1.09
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	15	1.09
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	15	1.09
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	15	1.09
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	9	1.09
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	9	1.09
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	16	1.09
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	16	1.09
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	9	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	9	1.09
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	9	1.09
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	19	1.09
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	19	1.09
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	19	1.09
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	15	1.09
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	15	1.09
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	19	1.09
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	16	1.09
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	3	1.09
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB2	13	1.09
(1,1076)	1:817:A:SER:H	1:817:A:SER:HB3	13	1.09
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	5	1.09
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	5	1.09
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	5	1.09
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	2	1.09
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	2	1.09
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	2	1.09
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	6	1.09
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	6	1.09
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	6	1.09
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	20	1.09
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	20	1.09
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	20	1.09
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	4	1.09
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	4	1.09
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	4	1.09
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	8	1.09
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	8	1.09
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	19	1.09
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	19	1.09
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	2	1.09
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	13	1.09
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	5	1.09
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	6	1.09
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	11	1.09
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	12	1.09
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	6	1.09
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	1	1.09
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	1	1.09
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	6	1.09
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	6	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	13	1.09
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	13	1.09
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	13	1.09
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	10	1.09
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	10	1.09
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	17	1.09
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	9	1.09
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	15	1.09
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	5	1.09
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	11	1.09
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	16	1.09
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	3	1.09
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	3	1.09
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	16	1.09
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	12	1.09
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	12	1.09
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	12	1.09
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	16	1.09
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	16	1.09
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	16	1.09
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	5	1.09
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	5	1.09
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	5	1.09
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	11	1.09
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	11	1.09
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	11	1.09
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	15	1.09
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	15	1.09
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	15	1.09
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	1	1.09
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	1	1.09
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	1	1.09
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	15	1.09
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	15	1.09
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	15	1.09
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	19	1.09
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	19	1.09
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	19	1.09
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	4	1.09
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	4	1.09
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	4	1.09
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	17	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	17	1.09
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	17	1.09
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	19	1.09
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	19	1.09
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	19	1.09
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	4	1.09
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	4	1.09
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	4	1.09
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	4	1.09
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	4	1.09
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	4	1.09
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG21	8	1.09
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG22	8	1.09
(1,745)	1:904:A:LEU:HB2	1:917:A:ILE:HG23	8	1.09
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	18	1.09
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	2	1.09
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	2	1.09
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	2	1.09
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	7	1.09
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	7	1.09
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	7	1.09
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	12	1.09
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	12	1.09
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	12	1.09
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	13	1.09
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	13	1.09
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	13	1.09
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	4	1.09
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	4	1.09
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	4	1.09
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	19	1.09
(1,707)	1:862:A:ILE:HD11	1:903:A:ASP:HB2	3	1.09
(1,707)	1:862:A:ILE:HD12	1:903:A:ASP:HB2	3	1.09
(1,707)	1:862:A:ILE:HD13	1:903:A:ASP:HB2	3	1.09
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	18	1.09
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	20	1.09
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	2	1.09
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	6	1.09
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	8	1.09
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	8	1.09
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	8	1.09
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	13	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	13	1.09
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	13	1.09
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	18	1.09
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	18	1.09
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	18	1.09
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	6	1.09
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	6	1.09
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	6	1.09
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	6	1.09
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	15	1.09
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	15	1.09
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	15	1.09
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	14	1.09
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	18	1.09
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	18	1.09
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	18	1.09
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	1	1.09
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	1	1.09
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	1	1.09
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	18	1.09
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	18	1.09
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	18	1.09
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	4	1.09
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	4	1.09
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	4	1.09
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	11	1.09
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	11	1.09
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	11	1.09
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	15	1.09
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	15	1.09
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	15	1.09
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	4	1.09
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	4	1.09
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	4	1.09
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	5	1.09
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	5	1.09
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	5	1.09
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	20	1.09
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	20	1.09
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	20	1.09
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	2	1.09
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	8	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	8	1.09
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	8	1.09
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	15	1.09
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	6	1.09
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	6	1.09
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	12	1.09
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	14	1.09
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	12	1.09
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	13	1.09
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	13	1.09
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	13	1.09
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	20	1.09
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	2	1.09
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	2	1.09
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	16	1.09
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	16	1.09
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	19	1.09
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	19	1.09
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	8	1.09
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	8	1.09
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	8	1.09
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	5	1.09
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	5	1.09
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	5	1.09
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	7	1.09
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	9	1.09
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	18	1.09
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	18	1.09
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	18	1.09
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	13	1.09
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	13	1.09
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	13	1.09
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	20	1.09
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	20	1.09
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	20	1.09
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	7	1.09
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	10	1.09
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	10	1.09
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	5	1.09
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	5	1.09
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	10	1.09
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	10	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	14	1.09
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	14	1.09
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	14	1.09
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	2	1.09
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	2	1.09
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	2	1.09
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	4	1.09
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	4	1.09
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	4	1.09
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	6	1.09
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	6	1.09
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	6	1.09
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	10	1.09
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	10	1.09
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	10	1.09
(1,208)	1:831:A:ILE:HG22	1:831:A:ILE:HG12	12	1.09
(1,208)	1:831:A:ILE:HG23	1:831:A:ILE:HG12	12	1.09
(1,208)	1:831:A:ILE:HG21	1:831:A:ILE:HG12	12	1.09
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	13	1.09
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	13	1.09
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	13	1.09
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	12	1.09
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	12	1.09
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	12	1.09
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	1	1.09
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	20	1.09
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	14	1.09
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	5	1.09
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	5	1.09
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	5	1.09
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	8	1.09
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	8	1.09
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	8	1.09
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	17	1.09
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	17	1.09
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	17	1.09
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	12	1.09
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	12	1.09
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	12	1.09
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	5	1.09
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	6	1.09
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	6	1.09

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	6	1.09
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	4	1.09
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	8	1.09
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	17	1.09
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	5	1.09
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	15	1.09
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	11	1.09
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	11	1.09
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	11	1.09
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	5	1.09
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	5	1.09
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	5	1.09
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	7	1.09
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	7	1.09
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	7	1.09
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	5	1.08
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	5	1.08
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	7	1.08
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	7	1.08
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	19	1.08
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	19	1.08
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	12	1.08
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	12	1.08
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	5	1.08
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	5	1.08
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	3	1.08
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	3	1.08
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	1	1.08
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	1	1.08
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	11	1.08
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	11	1.08
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	17	1.08
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	17	1.08
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	7	1.08
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	7	1.08
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	2	1.08
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	2	1.08
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	12	1.08
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	12	1.08
(1,3161)	1:845:A:LEU:HB2	1:882:A:PHE:H	19	1.08
(1,3161)	1:845:A:LEU:HB3	1:882:A:PHE:H	19	1.08
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	17	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	17	1.08
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	11	1.08
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	11	1.08
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	12	1.08
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	12	1.08
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	9	1.08
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	9	1.08
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	9	1.08
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	9	1.08
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	11	1.08
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	11	1.08
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	11	1.08
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	11	1.08
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	18	1.08
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	18	1.08
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	2	1.08
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	2	1.08
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	12	1.08
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	12	1.08
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	5	1.08
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	5	1.08
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	8	1.08
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	8	1.08
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	10	1.08
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	10	1.08
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	13	1.08
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	13	1.08
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	14	1.08
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	14	1.08
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	3	1.08
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	3	1.08
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	5	1.08
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	5	1.08
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	5	1.08
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	5	1.08
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	2	1.08
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	2	1.08
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	2	1.08
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	2	1.08
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	2	1.08
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	2	1.08
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	11	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	11	1.08
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	4	1.08
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	11	1.08
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE1	7	1.08
(1,3003)	1:835:A:LYS:H	1:875:A:TYR:HE2	7	1.08
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	7	1.08
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	13	1.08
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	13	1.08
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	13	1.08
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	7	1.08
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	8	1.08
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	2	1.08
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	2	1.08
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	12	1.08
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	12	1.08
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	12	1.08
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	9	1.08
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	9	1.08
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	9	1.08
(1,2924)	1:803:A:PRO:HA	1:808:A:GLU:HB2	8	1.08
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	18	1.08
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	5	1.08
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	5	1.08
(1,2889)	1:809:A:PHE:HE2	1:832:A:THR:HB	1	1.08
(1,2889)	1:809:A:PHE:HE1	1:832:A:THR:HB	1	1.08
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	7	1.08
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	7	1.08
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	7	1.08
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	12	1.08
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	12	1.08
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	12	1.08
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	15	1.08
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	15	1.08
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	15	1.08
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	3	1.08
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	3	1.08
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	3	1.08
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD12	4	1.08
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD13	4	1.08
(1,2824)	1:816:A:LEU:HB2	1:852:A:LEU:HD11	4	1.08
(1,2799)	1:920:A:LEU:HD11	1:921:A:LYS:HA	2	1.08
(1,2799)	1:920:A:LEU:HD12	1:921:A:LYS:HA	2	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2799)	1:920:A:LEU:HD13	1:921:A:LYS:HA	2	1.08
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	4	1.08
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	4	1.08
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	4	1.08
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	2	1.08
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	2	1.08
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	2	1.08
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	7	1.08
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	7	1.08
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	7	1.08
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	10	1.08
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	10	1.08
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	10	1.08
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	10	1.08
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	14	1.08
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB2	13	1.08
(1,2725)	1:808:A:GLU:HA	1:811:A:GLN:HB3	13	1.08
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	2	1.08
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	4	1.08
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	4	1.08
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	10	1.08
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	10	1.08
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	17	1.08
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	11	1.08
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	11	1.08
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	11	1.08
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	11	1.08
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	11	1.08
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	11	1.08
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	16	1.08
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	7	1.08
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	7	1.08
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	7	1.08
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	9	1.08
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	9	1.08
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	9	1.08
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	1	1.08
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	1	1.08
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	1	1.08
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	9	1.08
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	9	1.08
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	9	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	14	1.08
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	14	1.08
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	14	1.08
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	17	1.08
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	17	1.08
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	17	1.08
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	11	1.08
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	11	1.08
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	11	1.08
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	4	1.08
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	4	1.08
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	4	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	10	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	10	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	10	1.08
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	10	1.08
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	10	1.08
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	10	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	11	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	11	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	11	1.08
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	11	1.08
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	11	1.08
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	11	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	17	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	17	1.08
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	17	1.08
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	17	1.08
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	17	1.08
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	17	1.08
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	19	1.08
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	19	1.08
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	19	1.08
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	19	1.08
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	5	1.08
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	14	1.08
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	14	1.08
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	15	1.08
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	15	1.08
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	15	1.08
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	6	1.08
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	6	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	18	1.08
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	18	1.08
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	1	1.08
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	1	1.08
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	4	1.08
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	4	1.08
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	12	1.08
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	12	1.08
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	9	1.08
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	15	1.08
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	18	1.08
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	13	1.08
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	13	1.08
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	7	1.08
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	7	1.08
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	18	1.08
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	18	1.08
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	11	1.08
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	11	1.08
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	7	1.08
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	3	1.08
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	12	1.08
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	12	1.08
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	12	1.08
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	18	1.08
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	18	1.08
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	18	1.08
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	18	1.08
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	18	1.08
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	18	1.08
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	16	1.08
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	16	1.08
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	7	1.08
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	7	1.08
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	7	1.08
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	7	1.08
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	7	1.08
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	7	1.08
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	7	1.08
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	7	1.08
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	15	1.08
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	15	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	2	1.08
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	2	1.08
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	13	1.08
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	13	1.08
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	18	1.08
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	18	1.08
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	19	1.08
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	19	1.08
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	4	1.08
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	4	1.08
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	11	1.08
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	11	1.08
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	11	1.08
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	11	1.08
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	9	1.08
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	9	1.08
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	10	1.08
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	10	1.08
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	14	1.08
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	14	1.08
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	14	1.08
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	7	1.08
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	7	1.08
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	14	1.08
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	14	1.08
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	14	1.08
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	5	1.08
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	5	1.08
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	6	1.08
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	6	1.08
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	6	1.08
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	17	1.08
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	17	1.08
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	17	1.08
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	4	1.08
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	8	1.08
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	3	1.08
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	3	1.08
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	12	1.08
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	12	1.08
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	12	1.08
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	4	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	4	1.08
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	16	1.08
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	16	1.08
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	6	1.08
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	6	1.08
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	13	1.08
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	13	1.08
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	14	1.08
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	14	1.08
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	15	1.08
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	15	1.08
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	5	1.08
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	5	1.08
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	15	1.08
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	15	1.08
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	18	1.08
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	18	1.08
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	8	1.08
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	8	1.08
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	8	1.08
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	1	1.08
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	20	1.08
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	14	1.08
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	14	1.08
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	15	1.08
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	15	1.08
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	14	1.08
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	14	1.08
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	14	1.08
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	20	1.08
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	5	1.08
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	12	1.08
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	12	1.08
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	8	1.08
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	8	1.08
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	13	1.08
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	13	1.08
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	3	1.08
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	3	1.08
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	8	1.08
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	8	1.08
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	6	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	6	1.08
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	6	1.08
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	18	1.08
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	7	1.08
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	12	1.08
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	20	1.08
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	17	1.08
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	3	1.08
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	3	1.08
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	4	1.08
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	4	1.08
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	4	1.08
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	19	1.08
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	4	1.08
(1,1947)	1:900:A:LEU:HB3	1:901:A:PHE:H	12	1.08
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	18	1.08
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	18	1.08
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	9	1.08
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	9	1.08
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	17	1.08
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	17	1.08
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	13	1.08
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	1	1.08
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	1	1.08
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	1	1.08
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	8	1.08
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	8	1.08
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	8	1.08
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	17	1.08
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	17	1.08
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	17	1.08
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	11	1.08
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	11	1.08
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	11	1.08
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	7	1.08
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG2	20	1.08
(1,1766)	1:883:A:LYS:H	1:883:A:LYS:HG3	20	1.08
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	8	1.08
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	6	1.08
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	6	1.08
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	1	1.08
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	1	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	6	1.08
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	6	1.08
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	18	1.08
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	18	1.08
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	4	1.08
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	14	1.08
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	13	1.08
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	13	1.08
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	16	1.08
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	16	1.08
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	10	1.08
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	9	1.08
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	9	1.08
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	9	1.08
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	13	1.08
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	13	1.08
(1,1677)	1:874:A:LEU:HD21	1:877:A:SER:H	8	1.08
(1,1677)	1:874:A:LEU:HD22	1:877:A:SER:H	8	1.08
(1,1677)	1:874:A:LEU:HD23	1:877:A:SER:H	8	1.08
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	6	1.08
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	6	1.08
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	6	1.08
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	10	1.08
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	10	1.08
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	10	1.08
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	13	1.08
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	13	1.08
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	13	1.08
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	15	1.08
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	15	1.08
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	15	1.08
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	15	1.08
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	12	1.08
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	12	1.08
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	16	1.08
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	16	1.08
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	20	1.08
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	20	1.08
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	6	1.08
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	16	1.08
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	19	1.08
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	19	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	8	1.08
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	11	1.08
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	15	1.08
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB2	11	1.08
(1,1542)	1:865:A:ASP:H	1:865:A:ASP:HB3	11	1.08
(1,1541)	1:864:A:LYS:HB2	1:865:A:ASP:H	7	1.08
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	13	1.08
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	7	1.08
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	7	1.08
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	7	1.08
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	11	1.08
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	11	1.08
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	11	1.08
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	14	1.08
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	14	1.08
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	14	1.08
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	17	1.08
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	17	1.08
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	17	1.08
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	7	1.08
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	7	1.08
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	7	1.08
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	2	1.08
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	2	1.08
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	6	1.08
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	10	1.08
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	7	1.08
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	16	1.08
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	9	1.08
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	3	1.08
(1,1431)	1:855:A:GLN:H	1:855:A:GLN:HG2	11	1.08
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	13	1.08
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	17	1.08
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	18	1.08
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	8	1.08
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	8	1.08
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	3	1.08
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	8	1.08
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	2	1.08
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	2	1.08
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	2	1.08
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	1	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	1	1.08
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	1	1.08
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	8	1.08
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	8	1.08
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	8	1.08
(1,1315)	1:841:A:LEU:HD11	1:842:A:SER:H	12	1.08
(1,1315)	1:841:A:LEU:HD12	1:842:A:SER:H	12	1.08
(1,1315)	1:841:A:LEU:HD13	1:842:A:SER:H	12	1.08
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	1	1.08
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	10	1.08
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	17	1.08
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	19	1.08
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	14	1.08
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	14	1.08
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	14	1.08
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	13	1.08
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	19	1.08
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	19	1.08
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	16	1.08
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	20	1.08
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	20	1.08
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	20	1.08
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	18	1.08
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	18	1.08
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	20	1.08
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	20	1.08
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	12	1.08
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	12	1.08
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	12	1.08
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	10	1.08
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	10	1.08
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	10	1.08
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	8	1.08
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	3	1.08
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	5	1.08
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	17	1.08
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	17	1.08
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	17	1.08
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	17	1.08
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	17	1.08
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	17	1.08
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	4	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	4	1.08
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	4	1.08
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	8	1.08
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	8	1.08
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	8	1.08
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	19	1.08
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	19	1.08
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	19	1.08
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	5	1.08
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	5	1.08
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	6	1.08
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	6	1.08
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	11	1.08
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	11	1.08
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	6	1.08
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	6	1.08
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	6	1.08
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	15	1.08
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	15	1.08
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	15	1.08
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	9	1.08
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	9	1.08
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	9	1.08
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	6	1.08
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	6	1.08
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	6	1.08
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	13	1.08
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	13	1.08
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	13	1.08
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	13	1.08
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	13	1.08
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	13	1.08
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	18	1.08
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	18	1.08
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	18	1.08
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	18	1.08
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	4	1.08
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	4	1.08
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	4	1.08
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	11	1.08
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	11	1.08
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	11	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	14	1.08
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	14	1.08
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	14	1.08
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	18	1.08
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	18	1.08
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	2	1.08
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	2	1.08
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	10	1.08
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	10	1.08
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	10	1.08
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	12	1.08
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	12	1.08
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	12	1.08
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	3	1.08
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	3	1.08
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	5	1.08
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	7	1.08
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	10	1.08
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	1	1.08
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	15	1.08
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	3	1.08
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	17	1.08
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	17	1.08
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	17	1.08
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	20	1.08
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	20	1.08
(1,1015)	1:812:A:ILE:H	1:812:A:ILE:HG13	19	1.08
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	9	1.08
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	9	1.08
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	1	1.08
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	1	1.08
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	6	1.08
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	13	1.08
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	20	1.08
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	14	1.08
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	7	1.08
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	7	1.08
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	6	1.08
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	6	1.08
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	6	1.08
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	8	1.08
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	5	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	5	1.08
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	1	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	7	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	7	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	7	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	8	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	8	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	8	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	14	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	14	1.08
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	14	1.08
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	9	1.08
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	16	1.08
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	16	1.08
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	16	1.08
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	16	1.08
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	16	1.08
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	16	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	2	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	2	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	2	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	8	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	8	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	8	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	9	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	9	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	9	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	13	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	13	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	13	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	16	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	16	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	16	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	20	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	20	1.08
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	20	1.08
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG21	13	1.08
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG22	13	1.08
(1,749)	1:914:A:LEU:HA	1:917:A:ILE:HG23	13	1.08
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	18	1.08
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	18	1.08
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	16	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	16	1.08
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	16	1.08
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	8	1.08
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	7	1.08
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	7	1.08
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	13	1.08
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	13	1.08
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	10	1.08
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	10	1.08
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	14	1.08
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	14	1.08
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	14	1.08
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	5	1.08
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	5	1.08
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	5	1.08
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	2	1.08
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	3	1.08
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	3	1.08
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	3	1.08
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	10	1.08
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	10	1.08
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	10	1.08
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	11	1.08
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	11	1.08
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	11	1.08
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	14	1.08
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	14	1.08
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	14	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	4	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	4	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	4	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	9	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	9	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	9	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	12	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	12	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	12	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	13	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	13	1.08
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	13	1.08
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	20	1.08
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	20	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	20	1.08
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	6	1.08
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	6	1.08
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	6	1.08
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	13	1.08
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	13	1.08
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	13	1.08
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	19	1.08
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	19	1.08
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	19	1.08
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	7	1.08
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	7	1.08
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	7	1.08
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	7	1.08
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	7	1.08
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	7	1.08
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	17	1.08
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	17	1.08
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	17	1.08
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	17	1.08
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	17	1.08
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	17	1.08
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	18	1.08
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	18	1.08
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	18	1.08
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	8	1.08
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	8	1.08
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	8	1.08
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	19	1.08
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	19	1.08
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	19	1.08
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	8	1.08
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	8	1.08
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	8	1.08
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	11	1.08
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	11	1.08
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	11	1.08
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	2	1.08
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	2	1.08
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	2	1.08
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	17	1.08
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	17	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	17	1.08
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	10	1.08
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	3	1.08
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	3	1.08
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	3	1.08
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	3	1.08
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	3	1.08
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	3	1.08
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	15	1.08
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	15	1.08
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	15	1.08
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	15	1.08
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	15	1.08
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	15	1.08
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	18	1.08
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	3	1.08
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	3	1.08
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	3	1.08
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	12	1.08
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	12	1.08
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	12	1.08
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	8	1.08
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	8	1.08
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	8	1.08
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	16	1.08
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	16	1.08
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	16	1.08
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	13	1.08
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	13	1.08
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	18	1.08
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	18	1.08
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	18	1.08
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	4	1.08
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	4	1.08
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	4	1.08
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	1	1.08
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	1	1.08
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	1	1.08
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	11	1.08
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	11	1.08
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	11	1.08
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	18	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	18	1.08
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	18	1.08
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	12	1.08
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	11	1.08
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	13	1.08
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	19	1.08
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	19	1.08
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	19	1.08
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	1	1.08
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	1	1.08
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	1	1.08
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	14	1.08
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	14	1.08
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	14	1.08
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	2	1.08
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	2	1.08
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	2	1.08
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	5	1.08
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	5	1.08
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	5	1.08
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	14	1.08
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	14	1.08
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	14	1.08
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	17	1.08
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	17	1.08
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	17	1.08
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	1	1.08
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	1	1.08
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	1	1.08
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	4	1.08
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	4	1.08
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	9	1.08
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	9	1.08
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	9	1.08
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG21	12	1.08
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG22	12	1.08
(1,221)	1:809:A:PHE:HZ	1:832:A:THR:HG23	12	1.08
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	4	1.08
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	4	1.08
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	4	1.08
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	4	1.08
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	4	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	4	1.08
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	2	1.08
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	1	1.08
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	1	1.08
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	1	1.08
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	7	1.08
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	7	1.08
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	7	1.08
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	15	1.08
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	15	1.08
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	15	1.08
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	15	1.08
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	15	1.08
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	15	1.08
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	13	1.08
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	13	1.08
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	13	1.08
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	6	1.08
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	6	1.08
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	6	1.08
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG21	12	1.08
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG22	12	1.08
(1,89)	1:810:A:GLY:HA2	1:813:A:ILE:HG23	12	1.08
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	2	1.08
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	2	1.08
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	2	1.08
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	18	1.08
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	18	1.08
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	18	1.08
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	11	1.08
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	11	1.08
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	11	1.08
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	2	1.08
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	9	1.08
(1,57)	1:811:A:GLN:H	1:811:A:GLN:HG2	10	1.08
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	4	1.08
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	4	1.08
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	4	1.08
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	8	1.08
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	8	1.08
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	8	1.08
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	8	1.08

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	8	1.08
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	8	1.08
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	15	1.07
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	15	1.07
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	7	1.07
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	7	1.07
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	11	1.07
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	11	1.07
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	15	1.07
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	15	1.07
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	4	1.07
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	4	1.07
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	17	1.07
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	17	1.07
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	19	1.07
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	19	1.07
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	20	1.07
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	20	1.07
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	10	1.07
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	10	1.07
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	10	1.07
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	10	1.07
(1,3320)	1:890:A:SER:HB2	1:892:A:GLY:H	5	1.07
(1,3320)	1:890:A:SER:HB3	1:892:A:GLY:H	5	1.07
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	5	1.07
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	5	1.07
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	11	1.07
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	11	1.07
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	8	1.07
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	8	1.07
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	18	1.07
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	18	1.07
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	5	1.07
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	5	1.07
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	16	1.07
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	16	1.07
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	1	1.07
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	1	1.07
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	1	1.07
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	1	1.07
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	12	1.07
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	12	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	12	1.07
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	12	1.07
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	17	1.07
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	17	1.07
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	17	1.07
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	17	1.07
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	18	1.07
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	18	1.07
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG2	11	1.07
(1,3248)	1:865:A:ASP:H	1:866:A:PRO:HG3	11	1.07
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	1	1.07
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	1	1.07
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	14	1.07
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	14	1.07
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	3	1.07
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	3	1.07
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	20	1.07
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	20	1.07
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	9	1.07
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	9	1.07
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	8	1.07
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	8	1.07
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	15	1.07
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	15	1.07
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	1	1.07
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	1	1.07
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	2	1.07
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	2	1.07
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	3	1.07
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	3	1.07
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	17	1.07
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	17	1.07
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	6	1.07
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	6	1.07
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	17	1.07
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	17	1.07
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	14	1.07
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	14	1.07
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	5	1.07
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	5	1.07
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	18	1.07
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	18	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	18	1.07
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	18	1.07
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	19	1.07
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	19	1.07
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	19	1.07
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	3	1.07
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	3	1.07
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	4	1.07
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	4	1.07
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	9	1.07
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	9	1.07
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG2	16	1.07
(1,3070)	1:810:A:GLY:H	1:811:A:GLN:HG3	16	1.07
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG2	14	1.07
(1,3051)	1:805:A:ASN:HD22	1:808:A:GLU:HG3	14	1.07
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	2	1.07
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	2	1.07
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	12	1.07
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	12	1.07
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	13	1.07
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	13	1.07
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	13	1.07
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	13	1.07
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	13	1.07
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	13	1.07
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	8	1.07
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	20	1.07
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	2	1.07
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	5	1.07
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	9	1.07
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	19	1.07
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	19	1.07
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	8	1.07
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	8	1.07
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	8	1.07
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	8	1.07
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	8	1.07
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	10	1.07
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	10	1.07
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	13	1.07
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	13	1.07
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	20	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	20	1.07
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	20	1.07
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	3	1.07
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	3	1.07
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	3	1.07
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	8	1.07
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	8	1.07
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	8	1.07
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	14	1.07
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	13	1.07
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	13	1.07
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	11	1.07
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	11	1.07
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	11	1.07
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	3	1.07
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	3	1.07
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	3	1.07
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	2	1.07
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	2	1.07
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	2	1.07
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	1	1.07
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	1	1.07
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	1	1.07
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	10	1.07
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	10	1.07
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	10	1.07
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	14	1.07
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	1	1.07
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	1	1.07
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	1	1.07
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	20	1.07
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	20	1.07
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	20	1.07
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	12	1.07
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	20	1.07
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	10	1.07
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	10	1.07
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	10	1.07
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	1	1.07
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	1	1.07
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	11	1.07
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	11	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	7	1.07
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	7	1.07
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	17	1.07
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	17	1.07
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE1	18	1.07
(1,2651)	1:809:A:PHE:H	1:840:A:PHE:HE2	18	1.07
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	6	1.07
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	20	1.07
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	12	1.07
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	12	1.07
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	12	1.07
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	12	1.07
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	12	1.07
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	12	1.07
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	8	1.07
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	8	1.07
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	8	1.07
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	13	1.07
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	13	1.07
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	13	1.07
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	15	1.07
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	15	1.07
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	15	1.07
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	5	1.07
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	5	1.07
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	5	1.07
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	6	1.07
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	6	1.07
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	6	1.07
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	17	1.07
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	17	1.07
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	17	1.07
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	18	1.07
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	18	1.07
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	18	1.07
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	15	1.07
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	15	1.07
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	4	1.07
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	13	1.07
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	13	1.07
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	8	1.07
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	9	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	16	1.07
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	16	1.07
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	20	1.07
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	20	1.07
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	17	1.07
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	17	1.07
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	20	1.07
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	20	1.07
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	11	1.07
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	11	1.07
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE1	14	1.07
(1,2465)	1:805:A:ASN:HB2	1:840:A:PHE:HE2	14	1.07
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE1	14	1.07
(1,2465)	1:805:A:ASN:HB3	1:840:A:PHE:HE2	14	1.07
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	12	1.07
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	18	1.07
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	18	1.07
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	17	1.07
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	2	1.07
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	5	1.07
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	13	1.07
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	13	1.07
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	3	1.07
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	3	1.07
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	6	1.07
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	17	1.07
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	11	1.07
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	11	1.07
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	4	1.07
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	4	1.07
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	5	1.07
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	5	1.07
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	1	1.07
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	1	1.07
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	18	1.07
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	18	1.07
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	14	1.07
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	14	1.07
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	14	1.07
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	14	1.07
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	16	1.07
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	16	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	6	1.07
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	6	1.07
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	8	1.07
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	8	1.07
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	8	1.07
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	19	1.07
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	17	1.07
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	17	1.07
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	4	1.07
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	4	1.07
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	4	1.07
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	4	1.07
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	4	1.07
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE1	20	1.07
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE2	20	1.07
(1,2231)	1:881:A:ARG:HE	1:885:A:MET:HE3	20	1.07
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	16	1.07
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	13	1.07
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	13	1.07
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD1	9	1.07
(1,2195)	1:923:A:GLN:H	1:924:A:TYR:HD2	9	1.07
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	5	1.07
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	1	1.07
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	1	1.07
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	5	1.07
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	5	1.07
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	18	1.07
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	18	1.07
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	4	1.07
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	4	1.07
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	20	1.07
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	20	1.07
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	12	1.07
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	12	1.07
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	17	1.07
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	17	1.07
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	7	1.07
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	7	1.07
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	13	1.07
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	13	1.07
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	18	1.07
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	18	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	19	1.07
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	19	1.07
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	19	1.07
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	9	1.07
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	9	1.07
(1,2022)	1:867:A:SER:H	1:909:A:ASN:HD22	8	1.07
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	1	1.07
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	1	1.07
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	1	1.07
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	15	1.07
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	14	1.07
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	14	1.07
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	14	1.07
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	10	1.07
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	10	1.07
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	10	1.07
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	8	1.07
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	9	1.07
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	10	1.07
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	10	1.07
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	10	1.07
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	12	1.07
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	12	1.07
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD2	17	1.07
(1,1939)	1:901:A:PHE:H	1:901:A:PHE:HD1	17	1.07
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	7	1.07
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	7	1.07
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	13	1.07
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	13	1.07
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	13	1.07
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	15	1.07
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	11	1.07
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	3	1.07
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	3	1.07
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	6	1.07
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	5	1.07
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	5	1.07
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	5	1.07
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	3	1.07
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	8	1.07
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	9	1.07
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	10	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	13	1.07
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	15	1.07
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	18	1.07
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	6	1.07
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	4	1.07
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	12	1.07
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	4	1.07
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	4	1.07
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	10	1.07
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	10	1.07
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	11	1.07
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	11	1.07
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	14	1.07
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	14	1.07
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	7	1.07
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	7	1.07
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	3	1.07
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	14	1.07
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	19	1.07
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB1	16	1.07
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB2	16	1.07
(1,1713)	1:879:A:ALA:H	1:879:A:ALA:HB3	16	1.07
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	5	1.07
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	5	1.07
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	5	1.07
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	20	1.07
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	20	1.07
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	20	1.07
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	10	1.07
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	10	1.07
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	10	1.07
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	7	1.07
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	7	1.07
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	10	1.07
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	10	1.07
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	8	1.07
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	19	1.07
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	6	1.07
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	6	1.07
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	11	1.07
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	14	1.07
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	20	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	19	1.07
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	19	1.07
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	19	1.07
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	2	1.07
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	7	1.07
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	14	1.07
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	14	1.07
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	14	1.07
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	17	1.07
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	17	1.07
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	17	1.07
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	5	1.07
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	5	1.07
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	5	1.07
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	12	1.07
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	12	1.07
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	12	1.07
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	3	1.07
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	3	1.07
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	8	1.07
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	8	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	8	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	8	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	8	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	9	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	9	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	9	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	12	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	12	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	12	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	20	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	20	1.07
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	20	1.07
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	1	1.07
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	17	1.07
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	17	1.07
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	3	1.07
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	3	1.07
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	3	1.07
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	4	1.07
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	4	1.07
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	4	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	2	1.07
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	20	1.07
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	4	1.07
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	13	1.07
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	4	1.07
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	4	1.07
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	19	1.07
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	13	1.07
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	3	1.07
(1,1435)	1:851:A:LEU:HB3	1:855:A:GLN:HE21	14	1.07
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	8	1.07
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	20	1.07
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	9	1.07
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	9	1.07
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	17	1.07
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	17	1.07
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	7	1.07
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	7	1.07
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	2	1.07
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	5	1.07
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	12	1.07
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD23	2	1.07
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD21	2	1.07
(1,1364)	1:850:A:PHE:H	1:853:A:LEU:HD22	2	1.07
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	16	1.07
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	16	1.07
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	1	1.07
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	8	1.07
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	8	1.07
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	14	1.07
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	14	1.07
(1,1312)	1:806:A:ALA:HB1	1:842:A:SER:H	17	1.07
(1,1312)	1:806:A:ALA:HB2	1:842:A:SER:H	17	1.07
(1,1312)	1:806:A:ALA:HB3	1:842:A:SER:H	17	1.07
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	7	1.07
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	8	1.07
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	15	1.07
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	3	1.07
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	11	1.07
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	14	1.07
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	14	1.07
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	14	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	17	1.07
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	17	1.07
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	17	1.07
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	8	1.07
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	14	1.07
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	14	1.07
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	14	1.07
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	4	1.07
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	4	1.07
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	4	1.07
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	13	1.07
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	13	1.07
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	13	1.07
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	14	1.07
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	19	1.07
(1,1204)	1:829:A:LEU:HB2	1:830:A:ALA:H	13	1.07
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	9	1.07
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	12	1.07
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	12	1.07
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	12	1.07
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	19	1.07
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	19	1.07
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	1	1.07
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	1	1.07
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	1	1.07
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	8	1.07
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	8	1.07
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	8	1.07
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	19	1.07
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	19	1.07
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	19	1.07
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	20	1.07
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	20	1.07
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	20	1.07
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	4	1.07
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	4	1.07
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	4	1.07
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	10	1.07
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	10	1.07
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	10	1.07
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB1	8	1.07
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB2	8	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1127)	1:823:A:GLU:H	1:824:A:ALA:HB3	8	1.07
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	2	1.07
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	2	1.07
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	4	1.07
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	4	1.07
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	14	1.07
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	20	1.07
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	4	1.07
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	4	1.07
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	11	1.07
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	17	1.07
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	8	1.07
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	2	1.07
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	2	1.07
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	2	1.07
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	2	1.07
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	2	1.07
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	2	1.07
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	20	1.07
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	20	1.07
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	20	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	7	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	7	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	7	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	14	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	14	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	14	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	16	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	16	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	16	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	18	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	18	1.07
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	18	1.07
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	14	1.07
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	14	1.07
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	14	1.07
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	15	1.07
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	15	1.07
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	14	1.07
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	18	1.07
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	9	1.07
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	20	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	4	1.07
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	7	1.07
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	8	1.07
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	10	1.07
(1,1021)	1:813:A:ILE:H	1:813:A:ILE:HB	20	1.07
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	10	1.07
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	10	1.07
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	19	1.07
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	1	1.07
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	13	1.07
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	13	1.07
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	12	1.07
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	12	1.07
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	3	1.07
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	2	1.07
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	6	1.07
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	12	1.07
(1,937)	1:804:A:ASN:H	1:805:A:ASN:H	14	1.07
(1,931)	1:804:A:ASN:HB2	1:804:A:ASN:HD21	14	1.07
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	2	1.07
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	8	1.07
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	8	1.07
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	8	1.07
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	18	1.07
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	18	1.07
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	18	1.07
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	19	1.07
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	4	1.07
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	4	1.07
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	4	1.07
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	1	1.07
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	1	1.07
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	1	1.07
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	11	1.07
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	11	1.07
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	11	1.07
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD21	19	1.07
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD22	19	1.07
(1,837)	1:876:A:LEU:H	1:876:A:LEU:HD23	19	1.07
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	12	1.07
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	12	1.07
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	12	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	19	1.07
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	13	1.07
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	13	1.07
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	6	1.07
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	18	1.07
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	12	1.07
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	12	1.07
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	12	1.07
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	4	1.07
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	4	1.07
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	4	1.07
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD11	10	1.07
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD12	10	1.07
(1,754)	1:917:A:ILE:HB	1:917:A:ILE:HD13	10	1.07
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	18	1.07
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	18	1.07
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	18	1.07
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	11	1.07
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	11	1.07
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	11	1.07
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	9	1.07
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	20	1.07
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	20	1.07
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	20	1.07
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	20	1.07
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	10	1.07
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	10	1.07
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	10	1.07
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	19	1.07
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	8	1.07
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	8	1.07
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	20	1.07
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	20	1.07
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	12	1.07
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	12	1.07
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	3	1.07
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	3	1.07
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	3	1.07
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	3	1.07
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	3	1.07
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	3	1.07
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	8	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	8	1.07
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	8	1.07
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	8	1.07
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	8	1.07
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	8	1.07
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	12	1.07
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	15	1.07
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	6	1.07
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	6	1.07
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	6	1.07
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	10	1.07
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	11	1.07
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	11	1.07
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	11	1.07
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	11	1.07
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	18	1.07
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	18	1.07
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	18	1.07
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	18	1.07
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	9	1.07
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	15	1.07
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	15	1.07
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	16	1.07
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	16	1.07
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	2	1.07
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	2	1.07
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	2	1.07
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	4	1.07
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	4	1.07
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	4	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	1	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	1	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	1	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	2	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	2	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	2	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	14	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	14	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	14	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	15	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	15	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	15	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	16	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	16	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	16	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	18	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	18	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	18	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	19	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	19	1.07
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	19	1.07
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	3	1.07
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	3	1.07
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	3	1.07
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	9	1.07
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	9	1.07
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	9	1.07
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	11	1.07
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	11	1.07
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	11	1.07
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	14	1.07
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	14	1.07
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	14	1.07
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	10	1.07
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	10	1.07
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	10	1.07
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	18	1.07
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	18	1.07
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	18	1.07
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	19	1.07
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	20	1.07
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	4	1.07
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	4	1.07
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	4	1.07
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	18	1.07
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	6	1.07
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	6	1.07
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	6	1.07
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	14	1.07
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	14	1.07
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	14	1.07
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	12	1.07
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	11	1.07
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	15	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	11	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	3	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	3	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	3	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	4	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	4	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	4	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	5	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	5	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	5	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	6	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	6	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	6	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	7	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	7	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	7	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	9	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	9	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	9	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	10	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	10	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	10	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	11	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	11	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	11	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	12	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	12	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	12	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	14	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	14	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	14	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	15	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	15	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	15	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	17	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	17	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	17	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	18	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	18	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	18	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	20	1.07
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	20	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	20	1.07
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	5	1.07
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	8	1.07
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	6	1.07
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	6	1.07
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	17	1.07
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	17	1.07
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	3	1.07
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	6	1.07
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	13	1.07
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	13	1.07
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	10	1.07
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	10	1.07
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	10	1.07
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	16	1.07
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	16	1.07
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	16	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	1	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	1	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	1	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	10	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	10	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	10	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	14	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	14	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	14	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	18	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	18	1.07
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	18	1.07
(1,298)	1:851:A:LEU:HA	1:855:A:GLN:H	13	1.07
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	5	1.07
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	5	1.07
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	2	1.07
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	2	1.07
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	2	1.07
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	15	1.07
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	15	1.07
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	15	1.07
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	19	1.07
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	19	1.07
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	19	1.07
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	18	1.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	18	1.07
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	18	1.07
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	14	1.07
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	14	1.07
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	14	1.07
(1,199)	1:829:A:LEU:HD11	1:830:A:ALA:H	3	1.07
(1,199)	1:829:A:LEU:HD12	1:830:A:ALA:H	3	1.07
(1,199)	1:829:A:LEU:HD13	1:830:A:ALA:H	3	1.07
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	18	1.07
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	6	1.07
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	20	1.07
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	20	1.07
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	20	1.07
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	20	1.07
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	20	1.07
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	20	1.07
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	7	1.07
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	7	1.07
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	20	1.07
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	20	1.07
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	20	1.07
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	7	1.07
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	7	1.07
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	7	1.07
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	2	1.07
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	20	1.07
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	7	1.07
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	18	1.07
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	18	1.07
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	18	1.07
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	2	1.07
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	2	1.07
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	2	1.07
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	2	1.07
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	2	1.07
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	2	1.07
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	8	1.07
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD2	20	1.07
(1,1)	1:792:A:GLY:HA2	1:793:A:PRO:HD3	20	1.07
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD2	20	1.07
(1,1)	1:792:A:GLY:HA3	1:793:A:PRO:HD3	20	1.07
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	11	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	11	1.06
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	3	1.06
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	3	1.06
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	10	1.06
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	10	1.06
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	5	1.06
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	5	1.06
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	11	1.06
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	11	1.06
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	14	1.06
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	14	1.06
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	19	1.06
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	19	1.06
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	5	1.06
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	5	1.06
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	3	1.06
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	3	1.06
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE2	12	1.06
(1,3323)	1:891:A:LYS:HG3	1:891:A:LYS:HE3	12	1.06
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE2	12	1.06
(1,3323)	1:891:A:LYS:HG2	1:891:A:LYS:HE3	12	1.06
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	1	1.06
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	1	1.06
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	1	1.06
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	1	1.06
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	1	1.06
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	1	1.06
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	15	1.06
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	15	1.06
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG2	9	1.06
(1,3301)	1:881:A:ARG:HA	1:881:A:ARG:HG3	9	1.06
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	17	1.06
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	17	1.06
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	2	1.06
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	2	1.06
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	9	1.06
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	9	1.06
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	8	1.06
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	8	1.06
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	10	1.06
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	10	1.06
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	17	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	17	1.06
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	4	1.06
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	4	1.06
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	16	1.06
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	16	1.06
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	7	1.06
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	7	1.06
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	16	1.06
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	16	1.06
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	16	1.06
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	16	1.06
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	19	1.06
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	19	1.06
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	19	1.06
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	19	1.06
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	10	1.06
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	10	1.06
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	12	1.06
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	12	1.06
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	13	1.06
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	13	1.06
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	19	1.06
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	19	1.06
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	12	1.06
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	12	1.06
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	16	1.06
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	16	1.06
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	5	1.06
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	5	1.06
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	8	1.06
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	8	1.06
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	7	1.06
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	7	1.06
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	12	1.06
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	12	1.06
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	1	1.06
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	1	1.06
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	3	1.06
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	8	1.06
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	10	1.06
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	20	1.06
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	5	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	8	1.06
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	18	1.06
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	13	1.06
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	13	1.06
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	13	1.06
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	2	1.06
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	10	1.06
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	1	1.06
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	1	1.06
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	1	1.06
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	18	1.06
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	18	1.06
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	18	1.06
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	6	1.06
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	6	1.06
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	6	1.06
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	10	1.06
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	10	1.06
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	10	1.06
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	11	1.06
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	11	1.06
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	20	1.06
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	20	1.06
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	9	1.06
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	9	1.06
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	9	1.06
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	14	1.06
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	12	1.06
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	12	1.06
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	12	1.06
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	7	1.06
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	7	1.06
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	7	1.06
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	12	1.06
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	12	1.06
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	12	1.06
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	7	1.06
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	7	1.06
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	7	1.06
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	13	1.06
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	13	1.06
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	13	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	1	1.06
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	1	1.06
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	1	1.06
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	20	1.06
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	20	1.06
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	20	1.06
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	5	1.06
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	20	1.06
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	20	1.06
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	20	1.06
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	20	1.06
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	20	1.06
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	20	1.06
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	8	1.06
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	8	1.06
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	8	1.06
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	20	1.06
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	20	1.06
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	20	1.06
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	19	1.06
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	19	1.06
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	18	1.06
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	18	1.06
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	11	1.06
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	11	1.06
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	9	1.06
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	9	1.06
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	11	1.06
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	11	1.06
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	14	1.06
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	14	1.06
(1,2646)	1:918:A:GLN:H	1:918:A:GLN:HE21	6	1.06
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	15	1.06
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	15	1.06
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	15	1.06
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	15	1.06
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	15	1.06
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	15	1.06
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	3	1.06
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	3	1.06
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	3	1.06
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD12	5	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD13	5	1.06
(1,2630)	1:882:A:PHE:H	1:886:A:LEU:HD11	5	1.06
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	9	1.06
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	9	1.06
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	9	1.06
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	13	1.06
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	13	1.06
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	13	1.06
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	18	1.06
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	18	1.06
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	18	1.06
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	16	1.06
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	16	1.06
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	16	1.06
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	15	1.06
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	15	1.06
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	15	1.06
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	20	1.06
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	20	1.06
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	20	1.06
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	5	1.06
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	5	1.06
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	5	1.06
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	5	1.06
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	5	1.06
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	5	1.06
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	13	1.06
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	8	1.06
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	8	1.06
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	1	1.06
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	1	1.06
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	1	1.06
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	20	1.06
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	20	1.06
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	20	1.06
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	1	1.06
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	1	1.06
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	17	1.06
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	17	1.06
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	1	1.06
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	19	1.06
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	19	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	3	1.06
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	3	1.06
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	8	1.06
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	8	1.06
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	18	1.06
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	18	1.06
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	13	1.06
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	13	1.06
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	6	1.06
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	6	1.06
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	6	1.06
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	6	1.06
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	2	1.06
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	2	1.06
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	2	1.06
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	8	1.06
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	8	1.06
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	13	1.06
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	13	1.06
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	15	1.06
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	15	1.06
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	16	1.06
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	16	1.06
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	5	1.06
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	14	1.06
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	14	1.06
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	17	1.06
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	17	1.06
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	13	1.06
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	13	1.06
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	19	1.06
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	15	1.06
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	15	1.06
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	9	1.06
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	9	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	4	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	4	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	4	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	5	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	5	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	5	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	6	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	6	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	6	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	8	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	8	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	8	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	14	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	14	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	14	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	15	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	15	1.06
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	15	1.06
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	19	1.06
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	19	1.06
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	12	1.06
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	12	1.06
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	12	1.06
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	12	1.06
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	12	1.06
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	12	1.06
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	4	1.06
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	4	1.06
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	4	1.06
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	4	1.06
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	4	1.06
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	4	1.06
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	12	1.06
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	12	1.06
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	14	1.06
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	14	1.06
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD1	20	1.06
(1,2297)	1:870:A:TYR:HA	1:870:A:TYR:HD2	20	1.06
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	2	1.06
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	2	1.06
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	4	1.06
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	7	1.06
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	7	1.06
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	7	1.06
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	6	1.06
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	15	1.06
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	20	1.06
(1,2210)	1:816:A:LEU:HD21	1:821:A:ASP:H	7	1.06
(1,2210)	1:816:A:LEU:HD22	1:821:A:ASP:H	7	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2210)	1:816:A:LEU:HD23	1:821:A:ASP:H	7	1.06
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	11	1.06
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	5	1.06
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	5	1.06
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	5	1.06
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	11	1.06
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	11	1.06
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	19	1.06
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	19	1.06
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	1	1.06
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	1	1.06
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	11	1.06
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	11	1.06
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	13	1.06
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	13	1.06
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	14	1.06
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	14	1.06
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	19	1.06
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	19	1.06
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	2	1.06
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	15	1.06
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	15	1.06
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	15	1.06
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	10	1.06
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	16	1.06
(1,2088)	1:917:A:ILE:H	1:917:A:ILE:HG12	19	1.06
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	7	1.06
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	11	1.06
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	11	1.06
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	14	1.06
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	14	1.06
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	11	1.06
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	11	1.06
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	17	1.06
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	17	1.06
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB2	19	1.06
(1,2057)	1:914:A:LEU:H	1:914:A:LEU:HB3	19	1.06
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	10	1.06
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	10	1.06
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	10	1.06
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	19	1.06
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	19	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	19	1.06
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	20	1.06
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	8	1.06
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	8	1.06
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	17	1.06
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	2	1.06
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	2	1.06
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	2	1.06
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	2	1.06
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	10	1.06
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	5	1.06
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	5	1.06
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	1	1.06
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	1	1.06
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	1	1.06
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	5	1.06
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	5	1.06
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	5	1.06
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	13	1.06
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	13	1.06
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	13	1.06
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	4	1.06
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	1	1.06
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	5	1.06
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	6	1.06
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	13	1.06
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	14	1.06
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	5	1.06
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	5	1.06
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	5	1.06
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	17	1.06
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	17	1.06
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	17	1.06
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	2	1.06
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	10	1.06
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	13	1.06
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	15	1.06
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	7	1.06
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	7	1.06
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	7	1.06
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	3	1.06
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	6	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	6	1.06
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	6	1.06
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	7	1.06
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	6	1.06
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	6	1.06
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	16	1.06
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	10	1.06
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	2	1.06
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	2	1.06
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	2	1.06
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	6	1.06
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	11	1.06
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	12	1.06
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	17	1.06
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	7	1.06
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	7	1.06
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	9	1.06
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	9	1.06
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	15	1.06
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	15	1.06
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	17	1.06
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	17	1.06
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	20	1.06
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	20	1.06
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	3	1.06
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	11	1.06
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	11	1.06
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	3	1.06
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	3	1.06
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	13	1.06
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	13	1.06
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	2	1.06
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	1	1.06
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	1	1.06
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	1	1.06
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	1	1.06
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	1	1.06
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	1	1.06
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	9	1.06
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	9	1.06
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	17	1.06
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	17	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	3	1.06
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	10	1.06
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	8	1.06
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	8	1.06
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	8	1.06
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	12	1.06
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	12	1.06
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	12	1.06
(1,1676)	1:873:A:LEU:HD22	1:877:A:SER:H	5	1.06
(1,1676)	1:873:A:LEU:HD23	1:877:A:SER:H	5	1.06
(1,1676)	1:873:A:LEU:HD21	1:877:A:SER:H	5	1.06
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	19	1.06
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	9	1.06
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	9	1.06
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	1	1.06
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	1	1.06
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	2	1.06
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	2	1.06
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	14	1.06
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	14	1.06
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	15	1.06
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	15	1.06
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	15	1.06
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	15	1.06
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	15	1.06
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD11	6	1.06
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD12	6	1.06
(1,1592)	1:870:A:TYR:H	1:904:A:LEU:HD13	6	1.06
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	10	1.06
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	10	1.06
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	10	1.06
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	10	1.06
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	17	1.06
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	17	1.06
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	17	1.06
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	18	1.06
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	18	1.06
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	18	1.06
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	7	1.06
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	16	1.06
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	10	1.06
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	10	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	8	1.06
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	8	1.06
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	8	1.06
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	10	1.06
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	10	1.06
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	10	1.06
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	20	1.06
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	20	1.06
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	20	1.06
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	6	1.06
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	11	1.06
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	15	1.06
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	10	1.06
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	10	1.06
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	15	1.06
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	20	1.06
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	13	1.06
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	1	1.06
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	4	1.06
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	17	1.06
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	11	1.06
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	12	1.06
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	10	1.06
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	16	1.06
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	15	1.06
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	15	1.06
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	18	1.06
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	18	1.06
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	19	1.06
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	19	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	1	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	1	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	1	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	4	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	4	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	4	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	13	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	13	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	13	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	15	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	15	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	15	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	17	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	17	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	17	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	19	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	19	1.06
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	19	1.06
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	18	1.06
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	18	1.06
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	10	1.06
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	10	1.06
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	10	1.06
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	12	1.06
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	12	1.06
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	12	1.06
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	15	1.06
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	5	1.06
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	11	1.06
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	18	1.06
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	18	1.06
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	18	1.06
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	10	1.06
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	19	1.06
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	10	1.06
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	10	1.06
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	3	1.06
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	3	1.06
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	3	1.06
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	6	1.06
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	2	1.06
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	2	1.06
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	8	1.06
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	8	1.06
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	12	1.06
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	12	1.06
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	12	1.06
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	2	1.06
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	2	1.06
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	2	1.06
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD21	11	1.06
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD22	11	1.06
(1,1236)	1:832:A:THR:H	1:868:A:LEU:HD23	11	1.06
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	9	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	13	1.06
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	19	1.06
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	10	1.06
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	10	1.06
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	10	1.06
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	18	1.06
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	18	1.06
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	18	1.06
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG22	19	1.06
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG23	19	1.06
(1,1211)	1:830:A:ALA:H	1:831:A:ILE:HG21	19	1.06
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	12	1.06
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	17	1.06
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	11	1.06
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	11	1.06
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	11	1.06
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	5	1.06
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	5	1.06
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	5	1.06
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	14	1.06
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	14	1.06
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	14	1.06
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	5	1.06
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	5	1.06
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	5	1.06
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	19	1.06
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	19	1.06
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	19	1.06
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	1	1.06
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	1	1.06
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	1	1.06
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	6	1.06
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	6	1.06
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	17	1.06
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	4	1.06
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	4	1.06
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	18	1.06
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	12	1.06
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	12	1.06
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	12	1.06
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	2	1.06
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	12	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	20	1.06
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	1	1.06
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	1	1.06
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	1	1.06
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	3	1.06
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	3	1.06
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	3	1.06
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	17	1.06
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	17	1.06
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	17	1.06
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	10	1.06
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	10	1.06
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	10	1.06
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	2	1.06
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	5	1.06
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	5	1.06
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	18	1.06
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	18	1.06
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	12	1.06
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	12	1.06
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	3	1.06
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	3	1.06
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	5	1.06
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	5	1.06
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	5	1.06
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	6	1.06
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	4	1.06
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	1	1.06
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	9	1.06
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	4	1.06
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	7	1.06
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	7	1.06
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	7	1.06
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	6	1.06
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	5	1.06
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	5	1.06
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	20	1.06
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	20	1.06
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	1	1.06
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	1	1.06
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	1	1.06
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	1	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	1	1.06
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	1	1.06
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	3	1.06
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	3	1.06
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	3	1.06
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	3	1.06
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	3	1.06
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	3	1.06
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	1	1.06
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	9	1.06
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	9	1.06
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	9	1.06
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	9	1.06
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	9	1.06
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	9	1.06
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	9	1.06
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	9	1.06
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	9	1.06
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	8	1.06
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	8	1.06
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	8	1.06
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	14	1.06
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	14	1.06
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	14	1.06
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	1	1.06
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	1	1.06
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	1	1.06
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	3	1.06
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	6	1.06
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	6	1.06
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	1	1.06
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	1	1.06
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	13	1.06
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	13	1.06
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	17	1.06
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	17	1.06
(1,671)	1:898:A:GLU:HA	1:898:A:GLU:HG2	20	1.06
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	6	1.06
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	6	1.06
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	6	1.06
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	8	1.06
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	8	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	8	1.06
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	12	1.06
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	12	1.06
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	12	1.06
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	11	1.06
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	11	1.06
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	11	1.06
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	5	1.06
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	5	1.06
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	7	1.06
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	7	1.06
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	7	1.06
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	7	1.06
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	4	1.06
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	4	1.06
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	3	1.06
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	3	1.06
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	3	1.06
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	6	1.06
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	6	1.06
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	6	1.06
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	6	1.06
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	6	1.06
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	6	1.06
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	13	1.06
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	13	1.06
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	13	1.06
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	3	1.06
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	3	1.06
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	3	1.06
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	10	1.06
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	10	1.06
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	10	1.06
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	20	1.06
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	20	1.06
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	20	1.06
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	13	1.06
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	13	1.06
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	13	1.06
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	20	1.06
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	20	1.06
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	20	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	3	1.06
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	3	1.06
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	3	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	2	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	2	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	2	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	4	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	4	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	4	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	15	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	15	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	15	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	20	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	20	1.06
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	20	1.06
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	2	1.06
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	2	1.06
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	2	1.06
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	14	1.06
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	14	1.06
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	14	1.06
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	11	1.06
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	9	1.06
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	1	1.06
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	1	1.06
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	1	1.06
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	8	1.06
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	8	1.06
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	8	1.06
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	5	1.06
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	5	1.06
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	5	1.06
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	16	1.06
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	18	1.06
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	18	1.06
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	13	1.06
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD13	5	1.06
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD11	5	1.06
(1,488)	1:870:A:TYR:HD1	1:874:A:LEU:HD12	5	1.06
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD13	5	1.06
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD11	5	1.06
(1,488)	1:870:A:TYR:HD2	1:874:A:LEU:HD12	5	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	11	1.06
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	1	1.06
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	1	1.06
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	1	1.06
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	2	1.06
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	2	1.06
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	2	1.06
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD11	19	1.06
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD12	19	1.06
(1,429)	1:868:A:LEU:HB3	1:868:A:LEU:HD13	19	1.06
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	1	1.06
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	1	1.06
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	20	1.06
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	20	1.06
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	2	1.06
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	2	1.06
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	2	1.06
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	14	1.06
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	14	1.06
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	14	1.06
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	16	1.06
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	16	1.06
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	16	1.06
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	1	1.06
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	1	1.06
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	1	1.06
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	17	1.06
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	17	1.06
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	17	1.06
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	20	1.06
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	20	1.06
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	20	1.06
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	4	1.06
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	4	1.06
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	4	1.06
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	10	1.06
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	10	1.06
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	10	1.06
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	7	1.06
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	7	1.06
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	7	1.06
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	8	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	8	1.06
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	8	1.06
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	12	1.06
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	12	1.06
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	12	1.06
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	7	1.06
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	7	1.06
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	7	1.06
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	3	1.06
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	3	1.06
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	3	1.06
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	5	1.06
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	5	1.06
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	5	1.06
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	8	1.06
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	8	1.06
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	8	1.06
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	11	1.06
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	11	1.06
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	11	1.06
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	4	1.06
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	4	1.06
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	4	1.06
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	20	1.06
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	20	1.06
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	20	1.06
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	14	1.06
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	14	1.06
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	14	1.06
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	14	1.06
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	14	1.06
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	14	1.06
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	17	1.06
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	17	1.06
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	17	1.06
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	9	1.06
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	9	1.06
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	9	1.06
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	4	1.06
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	2	1.06
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	2	1.06
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	5	1.06

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	5	1.06
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	5	1.06
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	5	1.06
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	5	1.06
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	5	1.06
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	9	1.06
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	9	1.06
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	9	1.06
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	3	1.06
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	20	1.06
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	20	1.06
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	20	1.06
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	20	1.06
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	20	1.06
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	20	1.06
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	5	1.06
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	12	1.06
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	1	1.06
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	10	1.06
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	12	1.06
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	8	1.06
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	8	1.06
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	8	1.06
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	5	1.05
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	5	1.05
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	1	1.05
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	1	1.05
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	3	1.05
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	3	1.05
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	6	1.05
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	6	1.05
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	17	1.05
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	17	1.05
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	18	1.05
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	18	1.05
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	16	1.05
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	16	1.05
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	11	1.05
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	11	1.05
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	6	1.05
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	6	1.05
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	2	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	2	1.05
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	20	1.05
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	20	1.05
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	8	1.05
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	8	1.05
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	8	1.05
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	8	1.05
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	8	1.05
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	8	1.05
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	2	1.05
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	2	1.05
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	2	1.05
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	2	1.05
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	14	1.05
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	14	1.05
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	3	1.05
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	3	1.05
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	8	1.05
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	8	1.05
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	10	1.05
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	10	1.05
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	15	1.05
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	15	1.05
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	18	1.05
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	18	1.05
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	18	1.05
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	18	1.05
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	18	1.05
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	18	1.05
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	10	1.05
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	10	1.05
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	10	1.05
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	10	1.05
(1,3253)	1:865:A:ASP:HB3	1:868:A:LEU:H	16	1.05
(1,3253)	1:865:A:ASP:HB2	1:868:A:LEU:H	16	1.05
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	5	1.05
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	5	1.05
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	7	1.05
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	7	1.05
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	16	1.05
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	16	1.05
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	15	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	15	1.05
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE1	7	1.05
(1,3123)	1:835:A:LYS:HB2	1:875:A:TYR:HE2	7	1.05
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE1	7	1.05
(1,3123)	1:835:A:LYS:HB3	1:875:A:TYR:HE2	7	1.05
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	6	1.05
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	6	1.05
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	6	1.05
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	10	1.05
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	10	1.05
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	10	1.05
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	6	1.05
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	6	1.05
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	8	1.05
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	8	1.05
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	5	1.05
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	5	1.05
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	6	1.05
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	6	1.05
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	1	1.05
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	1	1.05
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	20	1.05
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	20	1.05
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	20	1.05
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	20	1.05
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	19	1.05
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	19	1.05
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	1	1.05
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	1	1.05
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	2	1.05
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	2	1.05
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	9	1.05
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	18	1.05
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	14	1.05
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	14	1.05
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	15	1.05
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	1	1.05
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	5	1.05
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	5	1.05
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	5	1.05
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	9	1.05
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	9	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	9	1.05
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	15	1.05
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	15	1.05
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	15	1.05
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	11	1.05
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	15	1.05
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	19	1.05
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	19	1.05
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	19	1.05
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	12	1.05
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	8	1.05
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	8	1.05
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	8	1.05
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	16	1.05
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	16	1.05
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	16	1.05
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	5	1.05
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	5	1.05
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	5	1.05
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	20	1.05
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	20	1.05
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	20	1.05
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	14	1.05
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	14	1.05
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	15	1.05
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	15	1.05
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	18	1.05
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	18	1.05
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	18	1.05
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	15	1.05
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	15	1.05
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	15	1.05
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	4	1.05
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	4	1.05
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	4	1.05
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	5	1.05
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	5	1.05
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	5	1.05
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	17	1.05
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	17	1.05
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	17	1.05
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	8	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	8	1.05
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	8	1.05
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	4	1.05
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	8	1.05
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	3	1.05
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	20	1.05
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	9	1.05
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	9	1.05
(1,2726)	1:874:A:LEU:HA	1:920:A:LEU:HG	20	1.05
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	1	1.05
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	1	1.05
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	1	1.05
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	8	1.05
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	8	1.05
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	8	1.05
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	16	1.05
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	16	1.05
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	16	1.05
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	18	1.05
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	1	1.05
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	1	1.05
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	1	1.05
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	1	1.05
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	1	1.05
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	1	1.05
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	2	1.05
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	2	1.05
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	2	1.05
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	2	1.05
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	2	1.05
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	2	1.05
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	2	1.05
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	2	1.05
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	2	1.05
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	15	1.05
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	15	1.05
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	15	1.05
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	10	1.05
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	10	1.05
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	10	1.05
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	15	1.05
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	15	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	15	1.05
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	15	1.05
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	15	1.05
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	15	1.05
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	2	1.05
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	2	1.05
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	13	1.05
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	16	1.05
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	20	1.05
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	20	1.05
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	8	1.05
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	8	1.05
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	2	1.05
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	2	1.05
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	2	1.05
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	2	1.05
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	11	1.05
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	11	1.05
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	11	1.05
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	11	1.05
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	16	1.05
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	16	1.05
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	16	1.05
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	16	1.05
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	17	1.05
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	17	1.05
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	17	1.05
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	17	1.05
(1,2507)	1:795:A:MET:HE1	1:796:A:GLU:H	17	1.05
(1,2507)	1:795:A:MET:HE2	1:796:A:GLU:H	17	1.05
(1,2507)	1:795:A:MET:HE3	1:796:A:GLU:H	17	1.05
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	11	1.05
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	11	1.05
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	14	1.05
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	14	1.05
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	18	1.05
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	18	1.05
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	18	1.05
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	18	1.05
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	8	1.05
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	8	1.05
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	5	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	15	1.05
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	15	1.05
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD11	17	1.05
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD12	17	1.05
(1,2395)	1:809:A:PHE:HZ	1:828:A:LEU:HD13	17	1.05
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	7	1.05
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	7	1.05
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	7	1.05
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	7	1.05
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	7	1.05
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	7	1.05
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	6	1.05
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	6	1.05
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	20	1.05
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	20	1.05
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	4	1.05
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	4	1.05
(1,2331)	1:882:A:PHE:HE2	1:923:A:GLN:HB2	9	1.05
(1,2331)	1:882:A:PHE:HE1	1:923:A:GLN:HB2	9	1.05
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	4	1.05
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	4	1.05
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	2	1.05
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	2	1.05
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	9	1.05
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	9	1.05
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	19	1.05
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	19	1.05
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	14	1.05
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	14	1.05
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	17	1.05
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	17	1.05
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	8	1.05
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	6	1.05
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	6	1.05
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	11	1.05
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	6	1.05
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	6	1.05
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	6	1.05
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	6	1.05
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	13	1.05
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	7	1.05
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	7	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	10	1.05
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	10	1.05
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	10	1.05
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	13	1.05
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	3	1.05
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	3	1.05
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	16	1.05
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	16	1.05
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	6	1.05
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	6	1.05
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	7	1.05
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	7	1.05
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	16	1.05
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	16	1.05
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	13	1.05
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	13	1.05
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	6	1.05
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	6	1.05
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	15	1.05
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	16	1.05
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	16	1.05
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	16	1.05
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	19	1.05
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	19	1.05
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	19	1.05
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	18	1.05
(1,2030)	1:910:A:ASN:HB2	1:911:A:HIS:H	4	1.05
(1,2030)	1:910:A:ASN:HB3	1:911:A:HIS:H	4	1.05
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	16	1.05
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	16	1.05
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	17	1.05
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	6	1.05
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	19	1.05
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	19	1.05
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	19	1.05
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	8	1.05
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	8	1.05
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	8	1.05
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	12	1.05
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	12	1.05
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	12	1.05
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	12	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	12	1.05
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	12	1.05
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	15	1.05
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	15	1.05
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	15	1.05
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	16	1.05
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	16	1.05
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	16	1.05
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	7	1.05
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	20	1.05
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	14	1.05
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	14	1.05
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	17	1.05
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	17	1.05
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	2	1.05
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	2	1.05
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	2	1.05
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	13	1.05
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	13	1.05
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	13	1.05
(1,1917)	1:909:A:ASN:HA	1:909:A:ASN:HD21	18	1.05
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	1	1.05
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	1	1.05
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	1	1.05
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	18	1.05
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	18	1.05
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	18	1.05
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	5	1.05
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	9	1.05
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	6	1.05
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	6	1.05
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	9	1.05
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	9	1.05
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	10	1.05
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	10	1.05
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	10	1.05
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	1	1.05
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	4	1.05
(1,1777)	1:885:A:MET:H	1:885:A:MET:HB2	20	1.05
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	14	1.05
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	9	1.05
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	9	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	2	1.05
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	2	1.05
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	5	1.05
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	5	1.05
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	12	1.05
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	12	1.05
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	19	1.05
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	13	1.05
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	13	1.05
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	13	1.05
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	18	1.05
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	18	1.05
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	18	1.05
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	2	1.05
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	2	1.05
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	16	1.05
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	16	1.05
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	16	1.05
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	6	1.05
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	6	1.05
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	6	1.05
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	7	1.05
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	7	1.05
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	7	1.05
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	12	1.05
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	12	1.05
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	12	1.05
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	16	1.05
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	16	1.05
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	20	1.05
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	12	1.05
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	12	1.05
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	18	1.05
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	18	1.05
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	11	1.05
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	11	1.05
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	11	1.05
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	8	1.05
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	8	1.05
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	8	1.05
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	7	1.05
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	7	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	7	1.05
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	6	1.05
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	12	1.05
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	17	1.05
(1,1653)	1:874:A:LEU:HD13	1:875:A:TYR:H	8	1.05
(1,1653)	1:874:A:LEU:HD11	1:875:A:TYR:H	8	1.05
(1,1653)	1:874:A:LEU:HD12	1:875:A:TYR:H	8	1.05
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	18	1.05
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	18	1.05
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	16	1.05
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	10	1.05
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	10	1.05
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	17	1.05
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	17	1.05
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	4	1.05
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	4	1.05
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	4	1.05
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	5	1.05
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	5	1.05
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	5	1.05
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	13	1.05
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	18	1.05
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	18	1.05
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	18	1.05
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	1	1.05
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	1	1.05
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	13	1.05
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	13	1.05
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	13	1.05
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	1	1.05
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	1	1.05
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	1	1.05
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	15	1.05
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	15	1.05
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	15	1.05
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	19	1.05
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	19	1.05
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	19	1.05
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	8	1.05
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	13	1.05
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	7	1.05
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	7	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	7	1.05
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	13	1.05
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	2	1.05
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	2	1.05
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	5	1.05
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	5	1.05
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	5	1.05
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	13	1.05
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	13	1.05
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	13	1.05
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	16	1.05
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	16	1.05
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	16	1.05
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	19	1.05
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	19	1.05
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	19	1.05
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	5	1.05
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	5	1.05
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	10	1.05
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	1	1.05
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	20	1.05
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	15	1.05
(1,1473)	1:854:A:ILE:HA	1:858:A:LYS:H	4	1.05
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	11	1.05
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	13	1.05
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	20	1.05
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	6	1.05
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	3	1.05
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	1	1.05
(1,1380)	1:850:A:PHE:HB3	1:851:A:LEU:H	20	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	2	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	2	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	2	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	3	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	3	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	3	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	7	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	7	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	7	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	8	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	8	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	8	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	9	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	9	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	9	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	10	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	10	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	10	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	11	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	11	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	11	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	12	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	12	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	12	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	16	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	16	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	16	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	18	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	18	1.05
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	18	1.05
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	18	1.05
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	20	1.05
(1,1349)	1:846:A:GLU:H	1:849:A:THR:H	19	1.05
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	18	1.05
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	18	1.05
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	19	1.05
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	1	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	3	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	3	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	3	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	13	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	13	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	13	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	17	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	17	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	17	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	19	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	19	1.05
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	19	1.05
(1,1283)	1:838:A:PRO:HD2	1:839:A:MET:H	12	1.05
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	13	1.05
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	14	1.05
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	14	1.05
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	14	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1266)	1:833:A:ALA:HB3	1:836:A:ASP:H	8	1.05
(1,1266)	1:833:A:ALA:HB1	1:836:A:ASP:H	8	1.05
(1,1266)	1:833:A:ALA:HB2	1:836:A:ASP:H	8	1.05
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	7	1.05
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	5	1.05
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	5	1.05
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	5	1.05
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	5	1.05
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	6	1.05
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD21	15	1.05
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD22	15	1.05
(1,1216)	1:831:A:ILE:H	1:868:A:LEU:HD23	15	1.05
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	11	1.05
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	19	1.05
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD11	16	1.05
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD12	16	1.05
(1,1190)	1:829:A:LEU:H	1:829:A:LEU:HD13	16	1.05
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	20	1.05
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	20	1.05
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	17	1.05
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	17	1.05
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	17	1.05
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	19	1.05
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	19	1.05
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	19	1.05
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	12	1.05
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	12	1.05
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	12	1.05
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	9	1.05
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	9	1.05
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	9	1.05
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	17	1.05
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	17	1.05
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	9	1.05
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	6	1.05
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	14	1.05
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	13	1.05
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	16	1.05
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	11	1.05
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	4	1.05
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	4	1.05
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	14	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	6	1.05
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	6	1.05
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	6	1.05
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	14	1.05
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	14	1.05
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	14	1.05
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	10	1.05
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	19	1.05
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	11	1.05
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	11	1.05
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	11	1.05
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	13	1.05
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	13	1.05
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	13	1.05
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	3	1.05
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	6	1.05
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	18	1.05
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	19	1.05
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	13	1.05
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	13	1.05
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	18	1.05
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	18	1.05
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	3	1.05
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	7	1.05
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	12	1.05
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	19	1.05
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	8	1.05
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	10	1.05
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	2	1.05
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	2	1.05
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	2	1.05
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	3	1.05
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	3	1.05
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	3	1.05
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	18	1.05
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	18	1.05
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	18	1.05
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	6	1.05
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	6	1.05
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	6	1.05
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	7	1.05
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	7	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	7	1.05
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	10	1.05
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	10	1.05
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	10	1.05
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	15	1.05
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	15	1.05
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	15	1.05
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	15	1.05
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	15	1.05
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	15	1.05
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	13	1.05
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	13	1.05
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	13	1.05
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	15	1.05
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	15	1.05
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	15	1.05
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	16	1.05
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	16	1.05
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	16	1.05
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	17	1.05
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	2	1.05
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	14	1.05
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	14	1.05
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	14	1.05
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	20	1.05
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	17	1.05
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	10	1.05
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	16	1.05
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	16	1.05
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD23	16	1.05
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD21	16	1.05
(1,693)	1:858:A:LYS:HB3	1:900:A:LEU:HD22	16	1.05
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	9	1.05
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	9	1.05
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	1	1.05
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	1	1.05
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	1	1.05
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	2	1.05
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	2	1.05
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	14	1.05
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	14	1.05
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE2	20	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,613)	1:891:A:LYS:HA	1:894:A:LYS:HE3	20	1.05
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	2	1.05
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	18	1.05
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	18	1.05
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	11	1.05
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	11	1.05
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	11	1.05
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	9	1.05
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	9	1.05
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	9	1.05
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	9	1.05
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	9	1.05
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	9	1.05
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	9	1.05
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	9	1.05
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	9	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	6	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	6	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	6	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	8	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	8	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	8	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	11	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	11	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	11	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	17	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	17	1.05
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	17	1.05
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	6	1.05
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	6	1.05
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	6	1.05
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	6	1.05
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	6	1.05
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	6	1.05
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD21	17	1.05
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD22	17	1.05
(1,570)	1:886:A:LEU:HB2	1:886:A:LEU:HD23	17	1.05
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	4	1.05
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	4	1.05
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	4	1.05
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	4	1.05
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	4	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	4	1.05
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	9	1.05
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	9	1.05
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	9	1.05
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	12	1.05
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	12	1.05
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	12	1.05
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	7	1.05
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	7	1.05
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	7	1.05
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB1	5	1.05
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB2	5	1.05
(1,519)	1:838:A:PRO:HB3	1:879:A:ALA:HB3	5	1.05
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	17	1.05
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	17	1.05
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	17	1.05
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	3	1.05
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	3	1.05
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	9	1.05
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	9	1.05
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	12	1.05
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	12	1.05
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	10	1.05
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	8	1.05
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	20	1.05
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	20	1.05
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	20	1.05
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	18	1.05
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	4	1.05
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	4	1.05
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	11	1.05
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	11	1.05
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	4	1.05
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	4	1.05
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	4	1.05
(1,381)	1:862:A:ILE:HA	1:865:A:ASP:H	4	1.05
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	9	1.05
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	9	1.05
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	10	1.05
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	17	1.05
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	16	1.05
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	16	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	16	1.05
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	4	1.05
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	4	1.05
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	4	1.05
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	7	1.05
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	7	1.05
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	7	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	2	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	2	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	2	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	6	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	6	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	6	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	14	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	14	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	14	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	15	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	15	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	15	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	17	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	17	1.05
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	17	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	6	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	6	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	6	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	7	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	7	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	7	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	9	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	9	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	9	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	15	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	15	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	15	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD12	17	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD13	17	1.05
(1,305)	1:852:A:LEU:HB3	1:852:A:LEU:HD11	17	1.05
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	6	1.05
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	6	1.05
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	6	1.05
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	20	1.05
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	20	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	20	1.05
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	8	1.05
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	8	1.05
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	8	1.05
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	20	1.05
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	20	1.05
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	20	1.05
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	20	1.05
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	20	1.05
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	20	1.05
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	2	1.05
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	2	1.05
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	2	1.05
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	18	1.05
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	18	1.05
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	18	1.05
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	19	1.05
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	19	1.05
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	19	1.05
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	10	1.05
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	10	1.05
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	10	1.05
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	11	1.05
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	11	1.05
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	11	1.05
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	3	1.05
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	3	1.05
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	3	1.05
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB2	16	1.05
(1,144)	1:824:A:ALA:HA	1:827:A:HIS:HB3	16	1.05
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	8	1.05
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	8	1.05
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	2	1.05
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	10	1.05
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	10	1.05
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	10	1.05
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	15	1.05
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	15	1.05
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	15	1.05
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	4	1.05
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	4	1.05
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	4	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	5	1.05
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	5	1.05
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	5	1.05
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	6	1.05
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	13	1.05
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	16	1.05
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	16	1.05
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	16	1.05
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	3	1.05
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	15	1.05
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	16	1.05
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	18	1.05
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	2	1.05
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	14	1.05
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	14	1.05
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	14	1.05
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	7	1.05
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	7	1.05
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	7	1.05
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	10	1.05
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	10	1.05
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	10	1.05
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	12	1.05
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	12	1.05
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	12	1.05
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	12	1.05
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	12	1.05
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	12	1.05
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	13	1.05
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	5	1.05
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	5	1.05
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	5	1.05
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	16	1.04
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	16	1.04
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	13	1.04
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	13	1.04
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	8	1.04
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	8	1.04
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	11	1.04
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	11	1.04
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	1	1.04
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	1	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	8	1.04
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	8	1.04
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	15	1.04
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	15	1.04
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	2	1.04
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	2	1.04
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	6	1.04
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	6	1.04
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	13	1.04
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	13	1.04
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	17	1.04
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	17	1.04
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	15	1.04
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	15	1.04
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	20	1.04
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	20	1.04
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	13	1.04
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	13	1.04
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	17	1.04
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	17	1.04
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	19	1.04
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	19	1.04
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	6	1.04
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	6	1.04
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	15	1.04
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	15	1.04
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	4	1.04
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	4	1.04
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	20	1.04
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	20	1.04
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	9	1.04
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	9	1.04
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	10	1.04
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	10	1.04
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	16	1.04
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	16	1.04
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	16	1.04
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	16	1.04
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	9	1.04
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	9	1.04
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	11	1.04
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	11	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	8	1.04
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	8	1.04
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	14	1.04
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	14	1.04
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	2	1.04
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	2	1.04
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	7	1.04
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	7	1.04
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	18	1.04
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	18	1.04
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	10	1.04
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	10	1.04
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	4	1.04
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	4	1.04
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	13	1.04
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	13	1.04
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	4	1.04
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	4	1.04
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	19	1.04
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	19	1.04
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	12	1.04
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	1	1.04
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	12	1.04
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	13	1.04
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	12	1.04
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	16	1.04
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	20	1.04
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	1	1.04
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	1	1.04
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	19	1.04
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	19	1.04
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	2	1.04
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	6	1.04
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	19	1.04
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	1	1.04
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	1	1.04
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	12	1.04
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	12	1.04
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	18	1.04
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	18	1.04
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	14	1.04
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	14	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	14	1.04
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	14	1.04
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	14	1.04
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	14	1.04
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	1	1.04
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	19	1.04
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	19	1.04
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	19	1.04
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	16	1.04
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	16	1.04
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	16	1.04
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	9	1.04
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	9	1.04
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	9	1.04
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	17	1.04
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	17	1.04
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	17	1.04
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	15	1.04
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	15	1.04
(1,2720)	1:863:A:GLU:HA	1:863:A:GLU:HG2	13	1.04
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	8	1.04
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	19	1.04
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	19	1.04
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	19	1.04
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	3	1.04
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	3	1.04
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	19	1.04
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	19	1.04
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	3	1.04
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	3	1.04
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	3	1.04
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	3	1.04
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	3	1.04
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	3	1.04
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	10	1.04
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	10	1.04
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	10	1.04
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	10	1.04
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	10	1.04
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	10	1.04
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	5	1.04
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	5	1.04
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	14	1.04
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	14	1.04
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	14	1.04
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	5	1.04
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	5	1.04
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	5	1.04
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	3	1.04
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	3	1.04
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	3	1.04
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	13	1.04
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	13	1.04
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	13	1.04
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	16	1.04
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	16	1.04
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	16	1.04
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	9	1.04
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	9	1.04
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	9	1.04
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	9	1.04
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	9	1.04
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	9	1.04
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	12	1.04
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	12	1.04
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	12	1.04
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	12	1.04
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	12	1.04
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	12	1.04
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	4	1.04
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	4	1.04
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	4	1.04
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	4	1.04
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	4	1.04
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	4	1.04
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	20	1.04
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	20	1.04
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	20	1.04
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	20	1.04
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	20	1.04
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	20	1.04
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	9	1.04
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	9	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	9	1.04
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	19	1.04
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	19	1.04
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	19	1.04
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	3	1.04
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	3	1.04
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	5	1.04
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	5	1.04
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	12	1.04
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	12	1.04
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	8	1.04
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	8	1.04
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	8	1.04
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	17	1.04
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	17	1.04
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	17	1.04
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	5	1.04
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	4	1.04
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	4	1.04
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	12	1.04
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	12	1.04
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	12	1.04
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	12	1.04
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	14	1.04
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	14	1.04
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	18	1.04
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD1	18	1.04
(1,2452)	1:838:A:PRO:HD2	1:875:A:TYR:HD2	18	1.04
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	1	1.04
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	1	1.04
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	17	1.04
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	17	1.04
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	14	1.04
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	17	1.04
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	15	1.04
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	12	1.04
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	12	1.04
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	6	1.04
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	6	1.04
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	12	1.04
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	6	1.04
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	6	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	15	1.04
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	15	1.04
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	10	1.04
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	10	1.04
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	1	1.04
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	1	1.04
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	1	1.04
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	1	1.04
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	1	1.04
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	1	1.04
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	11	1.04
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	11	1.04
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	15	1.04
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	15	1.04
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	17	1.04
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	17	1.04
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	7	1.04
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	7	1.04
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	7	1.04
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	7	1.04
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	8	1.04
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	8	1.04
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	9	1.04
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	9	1.04
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	1	1.04
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	2	1.04
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	6	1.04
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	6	1.04
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	6	1.04
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	7	1.04
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	7	1.04
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	7	1.04
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	20	1.04
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	20	1.04
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	20	1.04
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD1	13	1.04
(1,2202)	1:924:A:TYR:H	1:924:A:TYR:HD2	13	1.04
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	14	1.04
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	15	1.04
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	18	1.04
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB2	4	1.04
(1,2170)	1:922:A:ARG:H	1:922:A:ARG:HB3	4	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	11	1.04
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	18	1.04
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	8	1.04
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	4	1.04
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	8	1.04
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	8	1.04
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	8	1.04
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	2	1.04
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	7	1.04
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	7	1.04
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	5	1.04
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	5	1.04
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	5	1.04
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	12	1.04
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	12	1.04
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	12	1.04
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	15	1.04
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	15	1.04
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	15	1.04
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	11	1.04
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	16	1.04
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	17	1.04
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	9	1.04
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	9	1.04
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	4	1.04
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	4	1.04
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	4	1.04
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	5	1.04
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	5	1.04
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	5	1.04
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	17	1.04
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	17	1.04
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	17	1.04
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	20	1.04
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	20	1.04
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	20	1.04
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	6	1.04
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	6	1.04
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	6	1.04
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	11	1.04
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	15	1.04
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	3	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	3	1.04
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	3	1.04
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	3	1.04
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	14	1.04
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	6	1.04
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	6	1.04
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	20	1.04
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	20	1.04
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	20	1.04
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	8	1.04
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	8	1.04
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	8	1.04
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	13	1.04
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	13	1.04
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	13	1.04
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	11	1.04
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	11	1.04
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	11	1.04
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	16	1.04
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	16	1.04
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	2	1.04
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	2	1.04
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	3	1.04
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	19	1.04
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	12	1.04
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD2	17	1.04
(1,1839)	1:891:A:LYS:H	1:891:A:LYS:HD3	17	1.04
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	8	1.04
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	17	1.04
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	15	1.04
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	15	1.04
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	15	1.04
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	13	1.04
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	13	1.04
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	13	1.04
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	18	1.04
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	18	1.04
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	18	1.04
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	6	1.04
(1,1769)	1:897:A:ILE:H	1:897:A:ILE:HG13	15	1.04
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	20	1.04
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	2	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	2	1.04
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	2	1.04
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	3	1.04
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	3	1.04
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	3	1.04
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	6	1.04
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	6	1.04
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	6	1.04
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	7	1.04
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	7	1.04
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	7	1.04
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	10	1.04
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	10	1.04
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	10	1.04
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	14	1.04
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	14	1.04
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	14	1.04
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	15	1.04
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	15	1.04
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	15	1.04
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	16	1.04
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	16	1.04
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	16	1.04
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	17	1.04
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	17	1.04
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	17	1.04
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	19	1.04
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	19	1.04
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	19	1.04
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	13	1.04
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	13	1.04
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	2	1.04
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	2	1.04
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	7	1.04
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	8	1.04
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	8	1.04
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	8	1.04
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	11	1.04
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	11	1.04
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	11	1.04
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	12	1.04
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	12	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	18	1.04
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	18	1.04
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	6	1.04
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	16	1.04
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	1	1.04
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	1	1.04
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	1	1.04
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	3	1.04
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	3	1.04
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	3	1.04
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	6	1.04
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	6	1.04
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	6	1.04
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	13	1.04
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB2	12	1.04
(1,1650)	1:874:A:LEU:H	1:875:A:TYR:HB3	12	1.04
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	10	1.04
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	19	1.04
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	19	1.04
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	19	1.04
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	2	1.04
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	2	1.04
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	2	1.04
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	3	1.04
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	3	1.04
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	3	1.04
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	7	1.04
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	7	1.04
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	7	1.04
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	14	1.04
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	14	1.04
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	14	1.04
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	18	1.04
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	18	1.04
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	18	1.04
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	9	1.04
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	7	1.04
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	12	1.04
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	5	1.04
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	19	1.04
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	19	1.04
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	2	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	2	1.04
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	14	1.04
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	2	1.04
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	2	1.04
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	2	1.04
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	11	1.04
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	11	1.04
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	11	1.04
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	10	1.04
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	19	1.04
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	6	1.04
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	6	1.04
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	6	1.04
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	16	1.04
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	16	1.04
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	16	1.04
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	18	1.04
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	18	1.04
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	18	1.04
(1,1525)	1:862:A:ILE:HD11	1:863:A:GLU:H	18	1.04
(1,1525)	1:862:A:ILE:HD12	1:863:A:GLU:H	18	1.04
(1,1525)	1:862:A:ILE:HD13	1:863:A:GLU:H	18	1.04
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	15	1.04
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	15	1.04
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	7	1.04
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	7	1.04
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	1	1.04
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	17	1.04
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	12	1.04
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	15	1.04
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	1	1.04
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	5	1.04
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	11	1.04
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	13	1.04
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	4	1.04
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	12	1.04
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	13	1.04
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	5	1.04
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	5	1.04
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	5	1.04
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	5	1.04
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	6	1.04
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	6	1.04
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	6	1.04
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	4	1.04
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	7	1.04
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	9	1.04
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	9	1.04
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	20	1.04
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	20	1.04
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	5	1.04
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	5	1.04
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	13	1.04
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	16	1.04
(1,1272)	1:837:A:LEU:H	1:837:A:LEU:HB2	14	1.04
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	6	1.04
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	6	1.04
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	6	1.04
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	11	1.04
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	11	1.04
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	11	1.04
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	8	1.04
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	10	1.04
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	10	1.04
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	10	1.04
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	16	1.04
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	17	1.04
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	7	1.04
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	7	1.04
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	7	1.04
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	9	1.04
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	9	1.04
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	9	1.04
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	13	1.04
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	13	1.04
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	13	1.04
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	8	1.04
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	13	1.04
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	15	1.04
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	18	1.04
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	20	1.04
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	1	1.04
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	2	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	4	1.04
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	8	1.04
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	3	1.04
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	3	1.04
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	3	1.04
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	5	1.04
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	5	1.04
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	5	1.04
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	6	1.04
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	6	1.04
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	6	1.04
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	15	1.04
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	13	1.04
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	13	1.04
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	13	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	1	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	1	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	1	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	3	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	3	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	3	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	5	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	5	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	5	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	8	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	8	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	8	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	10	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	10	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	10	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	12	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	12	1.04
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	12	1.04
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	15	1.04
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	15	1.04
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	15	1.04
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	17	1.04
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	17	1.04
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	17	1.04
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	11	1.04
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	20	1.04
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	1	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	7	1.04
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD21	8	1.04
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD22	8	1.04
(1,1081)	1:818:A:THR:H	1:852:A:LEU:HD23	8	1.04
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	4	1.04
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	4	1.04
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	4	1.04
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	7	1.04
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	7	1.04
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	7	1.04
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	8	1.04
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	8	1.04
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	8	1.04
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	6	1.04
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	6	1.04
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	6	1.04
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	10	1.04
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	10	1.04
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	10	1.04
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	13	1.04
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	13	1.04
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	13	1.04
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	11	1.04
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	11	1.04
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	18	1.04
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	17	1.04
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	17	1.04
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	17	1.04
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	2	1.04
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	4	1.04
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	9	1.04
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	14	1.04
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	14	1.04
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	20	1.04
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	20	1.04
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	6	1.04
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	10	1.04
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	10	1.04
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	20	1.04
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	20	1.04
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	8	1.04
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	8	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	20	1.04
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	1	1.04
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	9	1.04
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	12	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	7	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	7	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	7	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	13	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	13	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	13	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	15	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	15	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	15	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	19	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	19	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	19	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	20	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	20	1.04
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	20	1.04
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	1	1.04
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	1	1.04
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	1	1.04
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	3	1.04
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	3	1.04
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	14	1.04
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	11	1.04
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	11	1.04
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	11	1.04
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	8	1.04
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	8	1.04
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	8	1.04
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	5	1.04
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	5	1.04
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD11	13	1.04
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD12	13	1.04
(1,790)	1:921:A:LYS:HE3	1:926:A:LEU:HD13	13	1.04
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	5	1.04
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	5	1.04
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	5	1.04
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	5	1.04
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	5	1.04
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	14	1.04
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	14	1.04
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	14	1.04
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	14	1.04
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	14	1.04
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	14	1.04
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	10	1.04
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	10	1.04
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	10	1.04
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	18	1.04
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	18	1.04
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	18	1.04
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	17	1.04
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	17	1.04
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	17	1.04
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	3	1.04
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	9	1.04
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	9	1.04
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	14	1.04
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	14	1.04
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	14	1.04
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	2	1.04
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	2	1.04
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	18	1.04
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	18	1.04
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD11	19	1.04
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD12	19	1.04
(1,662)	1:894:A:LYS:HD2	1:897:A:ILE:HD13	19	1.04
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD11	19	1.04
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD12	19	1.04
(1,662)	1:894:A:LYS:HD3	1:897:A:ILE:HD13	19	1.04
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	2	1.04
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	2	1.04
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	2	1.04
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	17	1.04
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	17	1.04
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	17	1.04
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	8	1.04
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	8	1.04
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	8	1.04
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	7	1.04
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	12	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	12	1.04
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	12	1.04
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	4	1.04
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	4	1.04
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	4	1.04
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	5	1.04
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	5	1.04
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	5	1.04
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD21	7	1.04
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD22	7	1.04
(1,580)	1:888:A:LEU:HA	1:888:A:LEU:HD23	7	1.04
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	2	1.04
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	2	1.04
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	2	1.04
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	4	1.04
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	4	1.04
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	4	1.04
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	17	1.04
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	17	1.04
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	17	1.04
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	17	1.04
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	17	1.04
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	17	1.04
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	5	1.04
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	5	1.04
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	5	1.04
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	2	1.04
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	10	1.04
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	18	1.04
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	18	1.04
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	18	1.04
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	10	1.04
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	9	1.04
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	11	1.04
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	17	1.04
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	20	1.04
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	11	1.04
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	8	1.04
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	8	1.04
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	9	1.04
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	9	1.04
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	9	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	20	1.04
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	20	1.04
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	20	1.04
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	2	1.04
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	2	1.04
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	2	1.04
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	16	1.04
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	16	1.04
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	16	1.04
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	6	1.04
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	6	1.04
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	6	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	6	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	6	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	6	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	9	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	9	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	9	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	13	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	13	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	13	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	14	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	14	1.04
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	14	1.04
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	4	1.04
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	15	1.04
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	6	1.04
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	6	1.04
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	6	1.04
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	19	1.04
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	19	1.04
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	19	1.04
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	14	1.04
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	14	1.04
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	14	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	5	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	5	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	5	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	8	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	8	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	8	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	9	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	9	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	9	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	10	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	10	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	10	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	12	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	12	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	12	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	20	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	20	1.04
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	20	1.04
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	6	1.04
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	12	1.04
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	12	1.04
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	12	1.04
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	16	1.04
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	16	1.04
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	16	1.04
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	20	1.04
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	20	1.04
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	20	1.04
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	3	1.04
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	3	1.04
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	3	1.04
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	6	1.04
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	9	1.04
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	16	1.04
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	19	1.04
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	19	1.04
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	19	1.04
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	19	1.04
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	14	1.04
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	18	1.04
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	13	1.04
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	13	1.04
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	13	1.04
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	14	1.04
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	19	1.04
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	19	1.04
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	9	1.04
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	9	1.04
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	16	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	16	1.04
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	19	1.04
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	19	1.04
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	12	1.04
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	12	1.04
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	12	1.04
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	14	1.04
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	14	1.04
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	14	1.04
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	12	1.04
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	12	1.04
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	12	1.04
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	9	1.04
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	9	1.04
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	9	1.04
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	9	1.04
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	8	1.04
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	8	1.04
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	8	1.04
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	1	1.04
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	1	1.04
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	1	1.04
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	3	1.04
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	3	1.04
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	3	1.04
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	11	1.04
(1,60)	1:812:A:ILE:HA	1:812:A:ILE:HG13	13	1.04
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	18	1.04
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	20	1.04
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	16	1.04
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	16	1.04
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	16	1.04
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	17	1.04
(1,29)	1:800:A:ILE:HG22	1:801:A:ALA:HA	10	1.04
(1,29)	1:800:A:ILE:HG23	1:801:A:ALA:HA	10	1.04
(1,29)	1:800:A:ILE:HG21	1:801:A:ALA:HA	10	1.04
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	10	1.03
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	10	1.03
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	17	1.03
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	17	1.03
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	20	1.03
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	20	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	9	1.03
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	9	1.03
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	6	1.03
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	6	1.03
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	6	1.03
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	6	1.03
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	6	1.03
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	6	1.03
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	18	1.03
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	18	1.03
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB3	4	1.03
(1,3288)	1:878:A:LYS:H	1:878:A:LYS:HB2	4	1.03
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	11	1.03
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	11	1.03
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	11	1.03
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	11	1.03
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	4	1.03
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	4	1.03
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	8	1.03
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	8	1.03
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	6	1.03
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	6	1.03
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	7	1.03
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	7	1.03
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	9	1.03
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	9	1.03
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	12	1.03
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	12	1.03
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	17	1.03
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	17	1.03
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	18	1.03
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	18	1.03
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	20	1.03
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	20	1.03
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	14	1.03
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	14	1.03
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	2	1.03
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	2	1.03
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	15	1.03
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	15	1.03
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	15	1.03
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	15	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	15	1.03
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	15	1.03
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	20	1.03
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	20	1.03
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	18	1.03
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	18	1.03
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	3	1.03
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	3	1.03
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	11	1.03
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	11	1.03
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	19	1.03
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	19	1.03
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	2	1.03
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	2	1.03
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	18	1.03
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	18	1.03
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	18	1.03
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	18	1.03
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	8	1.03
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	8	1.03
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	14	1.03
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	14	1.03
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	20	1.03
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	20	1.03
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	15	1.03
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	13	1.03
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	6	1.03
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	10	1.03
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	10	1.03
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	10	1.03
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	9	1.03
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	13	1.03
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	4	1.03
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	4	1.03
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	5	1.03
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	5	1.03
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	6	1.03
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	6	1.03
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	6	1.03
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	19	1.03
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	19	1.03
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	19	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	15	1.03
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	15	1.03
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	15	1.03
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	12	1.03
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	12	1.03
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	12	1.03
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	16	1.03
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	16	1.03
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	16	1.03
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	20	1.03
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	20	1.03
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	20	1.03
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	1	1.03
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	1	1.03
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	1	1.03
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	13	1.03
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	13	1.03
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	13	1.03
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	8	1.03
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	8	1.03
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	12	1.03
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	12	1.03
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	1	1.03
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	1	1.03
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	1	1.03
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	2	1.03
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	2	1.03
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	2	1.03
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	8	1.03
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	8	1.03
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	8	1.03
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	10	1.03
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	10	1.03
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	10	1.03
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	18	1.03
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	18	1.03
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	18	1.03
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	7	1.03
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	11	1.03
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	20	1.03
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE1	12	1.03
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE2	12	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2728)	1:884:A:MET:HA	1:885:A:MET:HE3	12	1.03
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	16	1.03
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	16	1.03
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	16	1.03
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	16	1.03
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	16	1.03
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	16	1.03
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	17	1.03
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	17	1.03
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	17	1.03
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	17	1.03
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	17	1.03
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	17	1.03
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	13	1.03
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	13	1.03
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	1	1.03
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	1	1.03
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	7	1.03
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	15	1.03
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	15	1.03
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	20	1.03
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	20	1.03
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	20	1.03
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	20	1.03
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	20	1.03
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	20	1.03
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	16	1.03
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	16	1.03
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	16	1.03
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	16	1.03
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	16	1.03
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	16	1.03
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	17	1.03
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	17	1.03
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	17	1.03
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	17	1.03
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	17	1.03
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	17	1.03
(1,2634)	1:873:A:LEU:HD22	1:901:A:PHE:HZ	4	1.03
(1,2634)	1:873:A:LEU:HD23	1:901:A:PHE:HZ	4	1.03
(1,2634)	1:873:A:LEU:HD21	1:901:A:PHE:HZ	4	1.03
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	14	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	14	1.03
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	14	1.03
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	16	1.03
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	16	1.03
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	16	1.03
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	11	1.03
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	12	1.03
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	12	1.03
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	7	1.03
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	7	1.03
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	11	1.03
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	11	1.03
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	11	1.03
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	1	1.03
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	1	1.03
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	14	1.03
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	14	1.03
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	6	1.03
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	20	1.03
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	20	1.03
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	6	1.03
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	6	1.03
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	11	1.03
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	11	1.03
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	17	1.03
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	17	1.03
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	2	1.03
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	4	1.03
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	6	1.03
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	12	1.03
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	2	1.03
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	2	1.03
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	6	1.03
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	11	1.03
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	7	1.03
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	13	1.03
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	13	1.03
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	5	1.03
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	5	1.03
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	19	1.03
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	19	1.03
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD11	2	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD12	2	1.03
(1,2383)	1:901:A:PHE:HD2	1:904:A:LEU:HD13	2	1.03
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD11	2	1.03
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD12	2	1.03
(1,2383)	1:901:A:PHE:HD1	1:904:A:LEU:HD13	2	1.03
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	17	1.03
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	17	1.03
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	18	1.03
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	18	1.03
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	18	1.03
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	18	1.03
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	13	1.03
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	13	1.03
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	16	1.03
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	16	1.03
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	20	1.03
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	20	1.03
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	13	1.03
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	13	1.03
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	13	1.03
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	13	1.03
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	13	1.03
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	13	1.03
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	5	1.03
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	5	1.03
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	11	1.03
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	11	1.03
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	19	1.03
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	19	1.03
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	19	1.03
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	19	1.03
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	1	1.03
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	1	1.03
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	7	1.03
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	7	1.03
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	15	1.03
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	15	1.03
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	5	1.03
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	5	1.03
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	6	1.03
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	6	1.03
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	7	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	7	1.03
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	1	1.03
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	20	1.03
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	15	1.03
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	15	1.03
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	15	1.03
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	2	1.03
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	2	1.03
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	3	1.03
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	3	1.03
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	16	1.03
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	16	1.03
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	16	1.03
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	5	1.03
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	5	1.03
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	5	1.03
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	7	1.03
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	18	1.03
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	9	1.03
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	12	1.03
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	2	1.03
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	2	1.03
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	8	1.03
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	8	1.03
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	17	1.03
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	17	1.03
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	3	1.03
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	3	1.03
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	8	1.03
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	8	1.03
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	10	1.03
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	10	1.03
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	4	1.03
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	4	1.03
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	17	1.03
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	9	1.03
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	9	1.03
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	9	1.03
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	5	1.03
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	8	1.03
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	8	1.03
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	8	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	4	1.03
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	17	1.03
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	5	1.03
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	11	1.03
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	11	1.03
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	11	1.03
(1,2051)	1:912:A:PHE:HB2	1:913:A:THR:H	8	1.03
(1,2049)	1:913:A:THR:H	1:916:A:ASP:HB2	18	1.03
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	12	1.03
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	12	1.03
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	12	1.03
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	14	1.03
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	14	1.03
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	15	1.03
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	15	1.03
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	18	1.03
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	18	1.03
(1,2027)	1:910:A:ASN:HA	1:910:A:ASN:HD22	8	1.03
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	12	1.03
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	12	1.03
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	12	1.03
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	4	1.03
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	4	1.03
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	2	1.03
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	6	1.03
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	6	1.03
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	14	1.03
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	14	1.03
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	8	1.03
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	8	1.03
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	8	1.03
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	10	1.03
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	10	1.03
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	10	1.03
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	4	1.03
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	10	1.03
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	17	1.03
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	18	1.03
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	18	1.03
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	4	1.03
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	8	1.03
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	19	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	5	1.03
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	5	1.03
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	14	1.03
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	14	1.03
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	3	1.03
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	3	1.03
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	3	1.03
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	7	1.03
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	7	1.03
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	7	1.03
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	10	1.03
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	10	1.03
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	10	1.03
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	16	1.03
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	16	1.03
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	16	1.03
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	19	1.03
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	19	1.03
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	19	1.03
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	20	1.03
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	20	1.03
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	20	1.03
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	3	1.03
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	15	1.03
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	15	1.03
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	7	1.03
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	7	1.03
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	7	1.03
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	10	1.03
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	6	1.03
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	7	1.03
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	7	1.03
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	3	1.03
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	3	1.03
(1,1755)	1:880:A:GLU:H	1:882:A:PHE:H	15	1.03
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	2	1.03
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	1	1.03
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	1	1.03
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	1	1.03
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	4	1.03
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	4	1.03
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	4	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	8	1.03
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	8	1.03
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	8	1.03
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	9	1.03
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	9	1.03
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	9	1.03
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	11	1.03
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	11	1.03
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	11	1.03
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	20	1.03
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	20	1.03
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	20	1.03
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	14	1.03
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	14	1.03
(1,1732)	1:879:A:ALA:HB1	1:880:A:GLU:H	10	1.03
(1,1732)	1:879:A:ALA:HB2	1:880:A:GLU:H	10	1.03
(1,1732)	1:879:A:ALA:HB3	1:880:A:GLU:H	10	1.03
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	20	1.03
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	2	1.03
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	2	1.03
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	2	1.03
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	14	1.03
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	14	1.03
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	14	1.03
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	14	1.03
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	19	1.03
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	19	1.03
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	9	1.03
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	9	1.03
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	9	1.03
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD21	20	1.03
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD22	20	1.03
(1,1681)	1:877:A:SER:H	1:920:A:LEU:HD23	20	1.03
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	19	1.03
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	19	1.03
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	19	1.03
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	20	1.03
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	20	1.03
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	20	1.03
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	9	1.03
(1,1651)	1:870:A:TYR:HE2	1:874:A:LEU:H	17	1.03
(1,1651)	1:870:A:TYR:HE1	1:874:A:LEU:H	17	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	12	1.03
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	12	1.03
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	12	1.03
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	2	1.03
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	3	1.03
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	14	1.03
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	18	1.03
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	18	1.03
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	18	1.03
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	7	1.03
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	7	1.03
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD11	13	1.03
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD12	13	1.03
(1,1564)	1:868:A:LEU:H	1:868:A:LEU:HD13	13	1.03
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	5	1.03
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	5	1.03
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	5	1.03
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	8	1.03
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	8	1.03
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	8	1.03
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	9	1.03
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	9	1.03
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	9	1.03
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	14	1.03
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	14	1.03
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	14	1.03
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	15	1.03
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	15	1.03
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	15	1.03
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	18	1.03
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	18	1.03
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	9	1.03
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	10	1.03
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	8	1.03
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	14	1.03
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	15	1.03
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	3	1.03
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	11	1.03
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	11	1.03
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	16	1.03
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	2	1.03
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	18	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	14	1.03
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	14	1.03
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	4	1.03
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	5	1.03
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	13	1.03
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	14	1.03
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD21	14	1.03
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD22	14	1.03
(1,1374)	1:851:A:LEU:H	1:852:A:LEU:HD23	14	1.03
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	9	1.03
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	15	1.03
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	13	1.03
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	13	1.03
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	13	1.03
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	16	1.03
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	16	1.03
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	3	1.03
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	3	1.03
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	3	1.03
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	14	1.03
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	14	1.03
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	14	1.03
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	3	1.03
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	3	1.03
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	2	1.03
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	2	1.03
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	3	1.03
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	6	1.03
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	19	1.03
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	4	1.03
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	4	1.03
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	4	1.03
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	4	1.03
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	4	1.03
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	4	1.03
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	3	1.03
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	7	1.03
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	14	1.03
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	14	1.03
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	1	1.03
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	1	1.03
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	15	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	15	1.03
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	19	1.03
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	19	1.03
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	19	1.03
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	4	1.03
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	8	1.03
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	12	1.03
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	14	1.03
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	6	1.03
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	6	1.03
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	6	1.03
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	19	1.03
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	19	1.03
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	19	1.03
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	13	1.03
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	20	1.03
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	1	1.03
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	16	1.03
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	6	1.03
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	14	1.03
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	13	1.03
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	13	1.03
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	13	1.03
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	4	1.03
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	4	1.03
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	4	1.03
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	12	1.03
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	12	1.03
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	12	1.03
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	20	1.03
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	20	1.03
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	20	1.03
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	17	1.03
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	17	1.03
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	17	1.03
(1,1180)	1:827:A:HIS:HB2	1:828:A:LEU:H	20	1.03
(1,1180)	1:827:A:HIS:HB3	1:828:A:LEU:H	20	1.03
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	3	1.03
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	3	1.03
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	3	1.03
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	7	1.03
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	7	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	7	1.03
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	14	1.03
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	14	1.03
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	14	1.03
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	5	1.03
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	5	1.03
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	5	1.03
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	1	1.03
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	1	1.03
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	1	1.03
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	8	1.03
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	17	1.03
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	7	1.03
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	7	1.03
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	7	1.03
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	9	1.03
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	9	1.03
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	17	1.03
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	3	1.03
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	3	1.03
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	18	1.03
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	1	1.03
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	3	1.03
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	4	1.03
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	15	1.03
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	5	1.03
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	5	1.03
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	5	1.03
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	8	1.03
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	8	1.03
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	8	1.03
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB1	17	1.03
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB2	17	1.03
(1,1051)	1:815:A:ALA:H	1:815:A:ALA:HB3	17	1.03
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	11	1.03
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	10	1.03
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	10	1.03
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	19	1.03
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	15	1.03
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	15	1.03
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	19	1.03
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	19	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	20	1.03
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	20	1.03
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	15	1.03
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	15	1.03
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	5	1.03
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	18	1.03
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	17	1.03
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	17	1.03
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	19	1.03
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	15	1.03
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	15	1.03
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	16	1.03
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	16	1.03
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	1	1.03
(1,967)	1:805:A:ASN:H	1:808:A:GLU:H	18	1.03
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	12	1.03
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	5	1.03
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	11	1.03
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	11	1.03
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	11	1.03
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	2	1.03
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	4	1.03
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	15	1.03
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	18	1.03
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	18	1.03
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	18	1.03
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	20	1.03
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	20	1.03
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	20	1.03
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	4	1.03
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	4	1.03
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	4	1.03
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	4	1.03
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	4	1.03
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	16	1.03
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	16	1.03
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	12	1.03
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	12	1.03
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	12	1.03
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	12	1.03
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	12	1.03
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	12	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	2	1.03
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	2	1.03
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	2	1.03
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	18	1.03
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	18	1.03
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	18	1.03
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	6	1.03
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB2	20	1.03
(1,675)	1:896:A:LEU:H	1:898:A:GLU:HB3	20	1.03
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD11	4	1.03
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD12	4	1.03
(1,647)	1:897:A:ILE:HA	1:926:A:LEU:HD13	4	1.03
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	5	1.03
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	18	1.03
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	19	1.03
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	6	1.03
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	6	1.03
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	8	1.03
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	8	1.03
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	16	1.03
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	16	1.03
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	19	1.03
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	1	1.03
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	1	1.03
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	1	1.03
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	5	1.03
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	5	1.03
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	5	1.03
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	2	1.03
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	2	1.03
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	2	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	1	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	1	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	1	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	2	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	2	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	2	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	7	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	7	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	7	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	9	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	9	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	9	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	13	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	13	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	13	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	14	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	14	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	14	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	17	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	17	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	17	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	18	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	18	1.03
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	18	1.03
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	7	1.03
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	7	1.03
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	7	1.03
(1,540)	1:884:A:MET:HG3	1:885:A:MET:H	12	1.03
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	10	1.03
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	10	1.03
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	10	1.03
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	12	1.03
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	17	1.03
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	17	1.03
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	2	1.03
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	12	1.03
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	1	1.03
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	1	1.03
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	15	1.03
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	15	1.03
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	13	1.03
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	7	1.03
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	7	1.03
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	7	1.03
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	14	1.03
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	14	1.03
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	14	1.03
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	6	1.03
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	6	1.03
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	6	1.03
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	6	1.03
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	6	1.03
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	6	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	12	1.03
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	12	1.03
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	12	1.03
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	1	1.03
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	2	1.03
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	9	1.03
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	9	1.03
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	18	1.03
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	18	1.03
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	11	1.03
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	11	1.03
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	11	1.03
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	12	1.03
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	12	1.03
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	12	1.03
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	18	1.03
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	18	1.03
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	18	1.03
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	10	1.03
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	10	1.03
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	10	1.03
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	20	1.03
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	20	1.03
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	20	1.03
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	12	1.03
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	12	1.03
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	12	1.03
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	4	1.03
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	4	1.03
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	4	1.03
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	8	1.03
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	8	1.03
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	8	1.03
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	3	1.03
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	3	1.03
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	3	1.03
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	13	1.03
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	13	1.03
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	13	1.03
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	4	1.03
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	4	1.03
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	4	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	18	1.03
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	18	1.03
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	18	1.03
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	19	1.03
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	19	1.03
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	19	1.03
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD12	3	1.03
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD13	3	1.03
(1,308)	1:822:A:LYS:HA	1:852:A:LEU:HD11	3	1.03
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	15	1.03
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	6	1.03
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	6	1.03
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	6	1.03
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	11	1.03
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	11	1.03
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	14	1.03
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	14	1.03
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	10	1.03
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	10	1.03
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	10	1.03
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	16	1.03
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	16	1.03
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	16	1.03
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	1	1.03
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	1	1.03
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	1	1.03
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	9	1.03
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	9	1.03
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	9	1.03
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	7	1.03
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	7	1.03
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	1	1.03
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	1	1.03
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	1	1.03
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	19	1.03
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	19	1.03
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	19	1.03
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	11	1.03
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	4	1.03
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	8	1.03
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	8	1.03
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	8	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	15	1.03
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	15	1.03
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	15	1.03
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	3	1.03
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	12	1.03
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	12	1.03
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	12	1.03
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	19	1.03
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	8	1.03
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	8	1.03
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	18	1.03
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	18	1.03
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	18	1.03
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	18	1.03
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	18	1.03
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	18	1.03
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	16	1.03
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	10	1.03
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	10	1.03
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	7	1.03
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	7	1.03
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	7	1.03
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	15	1.03
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	15	1.03
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	15	1.03
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	16	1.03
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	16	1.03
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	16	1.03
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	5	1.03
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	5	1.03
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	5	1.03
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	18	1.03
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	18	1.03
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	18	1.03
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	16	1.03
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	4	1.03
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	4	1.03
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	4	1.03
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	4	1.03
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	4	1.03
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	4	1.03
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	9	1.03

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	9	1.03
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	9	1.03
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	10	1.03
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	10	1.03
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	10	1.03
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	14	1.03
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	14	1.03
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	14	1.03
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	18	1.03
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	18	1.03
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	18	1.03
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	14	1.03
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	11	1.03
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	12	1.03
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	17	1.03
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	17	1.03
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	17	1.03
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	14	1.03
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	9	1.02
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	9	1.02
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	20	1.02
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	20	1.02
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	4	1.02
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	4	1.02
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG2	15	1.02
(1,3337)	1:898:A:GLU:HA	1:898:A:GLU:HG3	15	1.02
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	15	1.02
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	15	1.02
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	19	1.02
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	19	1.02
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	11	1.02
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	11	1.02
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	9	1.02
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	9	1.02
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	12	1.02
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	12	1.02
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	5	1.02
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	5	1.02
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	14	1.02
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	14	1.02
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	12	1.02
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	12	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	18	1.02
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	18	1.02
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	10	1.02
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	10	1.02
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	16	1.02
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	16	1.02
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	12	1.02
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	12	1.02
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	13	1.02
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	13	1.02
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	4	1.02
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	4	1.02
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	14	1.02
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	14	1.02
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	14	1.02
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	14	1.02
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	1	1.02
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	1	1.02
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	1	1.02
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	1	1.02
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	20	1.02
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	20	1.02
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	20	1.02
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	16	1.02
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	16	1.02
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	10	1.02
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	10	1.02
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	6	1.02
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	6	1.02
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	6	1.02
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	6	1.02
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	1	1.02
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	1	1.02
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	8	1.02
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	8	1.02
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	6	1.02
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	9	1.02
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	9	1.02
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	1	1.02
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	5	1.02
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	6	1.02
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	18	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	7	1.02
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	7	1.02
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	15	1.02
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	20	1.02
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	14	1.02
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	4	1.02
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	13	1.02
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	5	1.02
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	5	1.02
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	5	1.02
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	8	1.02
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	8	1.02
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	8	1.02
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	4	1.02
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	4	1.02
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	4	1.02
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	13	1.02
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	13	1.02
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	13	1.02
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	4	1.02
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	4	1.02
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	4	1.02
(1,2873)	1:858:A:LYS:HA	1:900:A:LEU:HG	4	1.02
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	10	1.02
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	10	1.02
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	10	1.02
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	5	1.02
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	5	1.02
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	5	1.02
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	20	1.02
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	20	1.02
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	20	1.02
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	16	1.02
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	16	1.02
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	3	1.02
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	3	1.02
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	3	1.02
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	8	1.02
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	4	1.02
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	4	1.02
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	4	1.02
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	1	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	9	1.02
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	13	1.02
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	10	1.02
(1,2715)	1:899:A:GLN:HA	1:902:A:GLU:HG3	5	1.02
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	6	1.02
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	17	1.02
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	16	1.02
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	16	1.02
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	16	1.02
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	17	1.02
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	17	1.02
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	17	1.02
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	4	1.02
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	4	1.02
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	12	1.02
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	12	1.02
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	4	1.02
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	4	1.02
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	4	1.02
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	1	1.02
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	1	1.02
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	1	1.02
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	12	1.02
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	12	1.02
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	12	1.02
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	2	1.02
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	2	1.02
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	2	1.02
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	9	1.02
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	9	1.02
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	9	1.02
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	14	1.02
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	14	1.02
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	14	1.02
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	5	1.02
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	5	1.02
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	5	1.02
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	12	1.02
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	12	1.02
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	12	1.02
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	13	1.02
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	13	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	13	1.02
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	14	1.02
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	14	1.02
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	3	1.02
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	3	1.02
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	3	1.02
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	5	1.02
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	5	1.02
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	5	1.02
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	12	1.02
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	19	1.02
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	11	1.02
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	15	1.02
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	15	1.02
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	15	1.02
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	15	1.02
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	7	1.02
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	8	1.02
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	8	1.02
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	16	1.02
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	16	1.02
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	7	1.02
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	7	1.02
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	18	1.02
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	18	1.02
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	14	1.02
(1,2488)	1:917:A:ILE:HB	1:918:A:GLN:HE21	6	1.02
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	16	1.02
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	16	1.02
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	4	1.02
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	4	1.02
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	16	1.02
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	1	1.02
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	6	1.02
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	6	1.02
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	12	1.02
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	13	1.02
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	13	1.02
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	8	1.02
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	15	1.02
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	15	1.02
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	5	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	5	1.02
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	17	1.02
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	17	1.02
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	5	1.02
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	5	1.02
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	6	1.02
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	6	1.02
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	1	1.02
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	1	1.02
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	20	1.02
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	20	1.02
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	5	1.02
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	5	1.02
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	4	1.02
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	4	1.02
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	4	1.02
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	7	1.02
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	7	1.02
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	7	1.02
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	11	1.02
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	11	1.02
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	11	1.02
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	20	1.02
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	20	1.02
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	20	1.02
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	8	1.02
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	8	1.02
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	8	1.02
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	9	1.02
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	9	1.02
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	9	1.02
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	11	1.02
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	11	1.02
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	11	1.02
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	16	1.02
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	16	1.02
(1,2162)	1:901:A:PHE:HE2	1:921:A:LYS:H	9	1.02
(1,2162)	1:901:A:PHE:HE1	1:921:A:LYS:H	9	1.02
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	9	1.02
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	9	1.02
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	12	1.02
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	12	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB3	17	1.02
(1,2143)	1:920:A:LEU:H	1:920:A:LEU:HB2	17	1.02
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	20	1.02
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	20	1.02
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	5	1.02
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	8	1.02
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	16	1.02
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	16	1.02
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	20	1.02
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	14	1.02
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	1	1.02
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	19	1.02
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	19	1.02
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	19	1.02
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	6	1.02
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	6	1.02
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	7	1.02
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	19	1.02
(1,2044)	1:912:A:PHE:HD1	1:913:A:THR:H	20	1.02
(1,2044)	1:912:A:PHE:HD2	1:913:A:THR:H	20	1.02
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	20	1.02
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	20	1.02
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	12	1.02
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	12	1.02
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	12	1.02
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	4	1.02
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	4	1.02
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	12	1.02
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	12	1.02
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	1	1.02
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	20	1.02
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	9	1.02
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	9	1.02
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	9	1.02
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	4	1.02
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	13	1.02
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	2	1.02
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	2	1.02
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	2	1.02
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	11	1.02
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	11	1.02
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	11	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	1	1.02
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	17	1.02
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	12	1.02
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	12	1.02
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	17	1.02
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	17	1.02
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	17	1.02
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	15	1.02
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	15	1.02
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	15	1.02
(1,1895)	1:889:A:ILE:HG21	1:896:A:LEU:H	17	1.02
(1,1895)	1:889:A:ILE:HG22	1:896:A:LEU:H	17	1.02
(1,1895)	1:889:A:ILE:HG23	1:896:A:LEU:H	17	1.02
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	8	1.02
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	13	1.02
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	13	1.02
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	1	1.02
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	1	1.02
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	16	1.02
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	16	1.02
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	1	1.02
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	1	1.02
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	4	1.02
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	16	1.02
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB2	11	1.02
(1,1834)	1:890:A:SER:H	1:890:A:SER:HB3	11	1.02
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	1	1.02
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	1	1.02
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	20	1.02
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	20	1.02
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	14	1.02
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	14	1.02
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	14	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	2	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	2	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	2	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	3	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	3	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	3	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	4	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	4	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	4	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	5	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	5	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	5	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	10	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	10	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	10	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	13	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	13	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	13	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	16	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	16	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	16	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	18	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	18	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	18	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	19	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	19	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	19	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	20	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	20	1.02
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	20	1.02
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	5	1.02
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	5	1.02
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	5	1.02
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	13	1.02
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	13	1.02
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	13	1.02
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	5	1.02
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	8	1.02
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	18	1.02
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	15	1.02
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	15	1.02
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	15	1.02
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	17	1.02
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	17	1.02
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	17	1.02
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	20	1.02
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	20	1.02
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	20	1.02
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	1	1.02
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	4	1.02
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	5	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	9	1.02
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	16	1.02
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	16	1.02
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	16	1.02
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	3	1.02
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	3	1.02
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	3	1.02
(1,1590)	1:869:A:VAL:HG11	1:870:A:TYR:H	8	1.02
(1,1590)	1:869:A:VAL:HG12	1:870:A:TYR:H	8	1.02
(1,1590)	1:869:A:VAL:HG13	1:870:A:TYR:H	8	1.02
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	19	1.02
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	20	1.02
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	3	1.02
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	3	1.02
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	3	1.02
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	2	1.02
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	2	1.02
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	2	1.02
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	14	1.02
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	11	1.02
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	1	1.02
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	1	1.02
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	1	1.02
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	10	1.02
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	10	1.02
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	10	1.02
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	12	1.02
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	12	1.02
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	12	1.02
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	13	1.02
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	13	1.02
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	13	1.02
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	17	1.02
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	17	1.02
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	17	1.02
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	19	1.02
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	19	1.02
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	19	1.02
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	20	1.02
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	20	1.02
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	20	1.02
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	10	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	11	1.02
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	12	1.02
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	18	1.02
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	19	1.02
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	17	1.02
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	9	1.02
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	20	1.02
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	10	1.02
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	15	1.02
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	5	1.02
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	16	1.02
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	15	1.02
(1,1403)	1:850:A:PHE:HD1	1:853:A:LEU:H	4	1.02
(1,1403)	1:850:A:PHE:HD2	1:853:A:LEU:H	4	1.02
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	3	1.02
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	9	1.02
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	11	1.02
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	12	1.02
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	1	1.02
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	2	1.02
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	6	1.02
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	4	1.02
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	4	1.02
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	11	1.02
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	11	1.02
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	1	1.02
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	1	1.02
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	1	1.02
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	10	1.02
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	10	1.02
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	20	1.02
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	20	1.02
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	17	1.02
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	4	1.02
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	13	1.02
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	17	1.02
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	5	1.02
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	20	1.02
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	3	1.02
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	4	1.02
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	4	1.02
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	3	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	19	1.02
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	19	1.02
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	19	1.02
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	19	1.02
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	19	1.02
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	19	1.02
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	13	1.02
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	13	1.02
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	13	1.02
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	3	1.02
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	3	1.02
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	11	1.02
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	11	1.02
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	12	1.02
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	12	1.02
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	12	1.02
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	20	1.02
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	20	1.02
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	20	1.02
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	1	1.02
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	15	1.02
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	15	1.02
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	15	1.02
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	20	1.02
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	20	1.02
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	20	1.02
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	7	1.02
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	5	1.02
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	5	1.02
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	5	1.02
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	10	1.02
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	10	1.02
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	10	1.02
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	11	1.02
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	11	1.02
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	11	1.02
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	14	1.02
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	14	1.02
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	14	1.02
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	17	1.02
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	12	1.02
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	12	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	12	1.02
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	16	1.02
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	16	1.02
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	16	1.02
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	4	1.02
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	4	1.02
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	4	1.02
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	18	1.02
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	18	1.02
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	18	1.02
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	2	1.02
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	2	1.02
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	2	1.02
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	2	1.02
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	2	1.02
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	3	1.02
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	4	1.02
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	6	1.02
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	13	1.02
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	15	1.02
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	19	1.02
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	20	1.02
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	7	1.02
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	8	1.02
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	16	1.02
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	4	1.02
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	8	1.02
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	8	1.02
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	8	1.02
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	8	1.02
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	17	1.02
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	19	1.02
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	19	1.02
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	19	1.02
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	8	1.02
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	8	1.02
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	8	1.02
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	19	1.02
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	8	1.02
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	16	1.02
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	8	1.02
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	8	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	14	1.02
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	14	1.02
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	18	1.02
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	18	1.02
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	8	1.02
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	3	1.02
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	7	1.02
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	11	1.02
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	16	1.02
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	16	1.02
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	14	1.02
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD11	16	1.02
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD12	16	1.02
(1,918)	1:804:A:ASN:H	1:812:A:ILE:HD13	16	1.02
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	9	1.02
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	9	1.02
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	14	1.02
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	14	1.02
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	14	1.02
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	3	1.02
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	3	1.02
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	3	1.02
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	6	1.02
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	6	1.02
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	6	1.02
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	19	1.02
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	19	1.02
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	19	1.02
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	11	1.02
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	11	1.02
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	11	1.02
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	12	1.02
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	19	1.02
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	13	1.02
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	13	1.02
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	13	1.02
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	20	1.02
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	15	1.02
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	15	1.02
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	15	1.02
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	10	1.02
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	10	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	10	1.02
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	20	1.02
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	9	1.02
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	11	1.02
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	2	1.02
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	2	1.02
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	2	1.02
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	2	1.02
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	2	1.02
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	2	1.02
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	12	1.02
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	11	1.02
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	11	1.02
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	8	1.02
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	8	1.02
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	15	1.02
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	15	1.02
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	15	1.02
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	4	1.02
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	4	1.02
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	4	1.02
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	3	1.02
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	3	1.02
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	16	1.02
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	16	1.02
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE1	10	1.02
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE2	10	1.02
(1,554)	1:881:A:ARG:H	1:885:A:MET:HE3	10	1.02
(1,540)	1:884:A:MET:HG3	1:885:A:MET:H	11	1.02
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	14	1.02
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	14	1.02
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	3	1.02
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	3	1.02
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	3	1.02
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	4	1.02
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	4	1.02
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	4	1.02
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	9	1.02
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	9	1.02
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	9	1.02
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	10	1.02
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	10	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	10	1.02
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	19	1.02
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	19	1.02
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	19	1.02
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	1	1.02
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	2	1.02
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	2	1.02
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	8	1.02
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	8	1.02
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	11	1.02
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	11	1.02
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	13	1.02
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	13	1.02
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	2	1.02
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	2	1.02
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	2	1.02
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	2	1.02
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	6	1.02
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	6	1.02
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	6	1.02
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	5	1.02
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	5	1.02
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	5	1.02
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	15	1.02
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	20	1.02
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	19	1.02
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	19	1.02
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	19	1.02
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	11	1.02
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	11	1.02
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	5	1.02
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	5	1.02
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	12	1.02
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	12	1.02
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	14	1.02
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	14	1.02
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	10	1.02
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	10	1.02
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	10	1.02
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD23	16	1.02
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD21	16	1.02
(1,382)	1:862:A:ILE:HB	1:900:A:LEU:HD22	16	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	11	1.02
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	11	1.02
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	15	1.02
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	15	1.02
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	14	1.02
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	14	1.02
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	14	1.02
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	8	1.02
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	8	1.02
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	8	1.02
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	11	1.02
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	11	1.02
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	11	1.02
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	4	1.02
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	4	1.02
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	4	1.02
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	17	1.02
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	17	1.02
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	17	1.02
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	20	1.02
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	20	1.02
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	20	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	1	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	1	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	1	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	3	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	3	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	3	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	13	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	13	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	13	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	16	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	16	1.02
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	16	1.02
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	10	1.02
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	16	1.02
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	10	1.02
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	2	1.02
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	2	1.02
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	2	1.02
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	3	1.02
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	3	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	3	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	10	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	10	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	10	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	11	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	11	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	11	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	13	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	13	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	13	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	18	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	18	1.02
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	18	1.02
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	16	1.02
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	16	1.02
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	16	1.02
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	17	1.02
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	17	1.02
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	17	1.02
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	18	1.02
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	18	1.02
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	18	1.02
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	16	1.02
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	16	1.02
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	16	1.02
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	11	1.02
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	5	1.02
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	1	1.02
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	1	1.02
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	1	1.02
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	13	1.02
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	13	1.02
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	13	1.02
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	6	1.02
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	6	1.02
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	6	1.02
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	7	1.02
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	7	1.02
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	7	1.02
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	1	1.02
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	20	1.02
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	20	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	20	1.02
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	16	1.02
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	11	1.02
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	6	1.02
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	6	1.02
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	6	1.02
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	1	1.02
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	1	1.02
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	1	1.02
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	4	1.02
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	4	1.02
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	4	1.02
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	14	1.02
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	14	1.02
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	14	1.02
(1,91)	1:813:A:ILE:HG21	1:814:A:ASN:HB2	12	1.02
(1,91)	1:813:A:ILE:HG22	1:814:A:ASN:HB2	12	1.02
(1,91)	1:813:A:ILE:HG23	1:814:A:ASN:HB2	12	1.02
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	7	1.02
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	7	1.02
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	7	1.02
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	7	1.02
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	3	1.02
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	3	1.02
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	3	1.02
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	2	1.02
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	2	1.02
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	2	1.02
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	5	1.02
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	5	1.02
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	5	1.02
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	6	1.02
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	6	1.02
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	6	1.02
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	8	1.02
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	8	1.02
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	8	1.02
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	12	1.02
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	12	1.02
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	12	1.02
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	13	1.02
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	13	1.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	13	1.02
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	17	1.02
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	17	1.02
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	17	1.02
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	19	1.02
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	19	1.02
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	19	1.02
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	20	1.02
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	20	1.02
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	20	1.02
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	4	1.02
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	1	1.02
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	9	1.02
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	9	1.02
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	9	1.02
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	9	1.02
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	9	1.02
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	9	1.02
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	9	1.02
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	18	1.02
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	18	1.02
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	16	1.02
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	1	1.01
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	1	1.01
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	3	1.01
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	3	1.01
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	8	1.01
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	8	1.01
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	18	1.01
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	18	1.01
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	19	1.01
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	19	1.01
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	9	1.01
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	9	1.01
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	12	1.01
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	12	1.01
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	15	1.01
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	15	1.01
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	8	1.01
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	8	1.01
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	12	1.01
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	12	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	18	1.01
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	18	1.01
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	16	1.01
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	16	1.01
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	16	1.01
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	16	1.01
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	16	1.01
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	16	1.01
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	16	1.01
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	16	1.01
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	1	1.01
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	1	1.01
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	6	1.01
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	6	1.01
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	13	1.01
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	13	1.01
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD1	13	1.01
(1,3266)	1:870:A:TYR:HB3	1:912:A:PHE:HD2	13	1.01
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD1	13	1.01
(1,3266)	1:870:A:TYR:HB2	1:912:A:PHE:HD2	13	1.01
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	20	1.01
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	20	1.01
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	16	1.01
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	16	1.01
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	19	1.01
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	19	1.01
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	3	1.01
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	3	1.01
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	7	1.01
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	7	1.01
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	19	1.01
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	19	1.01
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	7	1.01
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	7	1.01
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	2	1.01
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	2	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	1	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	1	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	9	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	9	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	11	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	11	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	15	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	15	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	17	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	17	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	18	1.01
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	18	1.01
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	4	1.01
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	4	1.01
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	4	1.01
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	15	1.01
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	15	1.01
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG12	13	1.01
(1,3078)	1:813:A:ILE:HA	1:813:A:ILE:HG13	13	1.01
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG2	1	1.01
(1,3056)	1:808:A:GLU:H	1:808:A:GLU:HG3	1	1.01
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	9	1.01
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	9	1.01
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	9	1.01
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	9	1.01
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	15	1.01
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	15	1.01
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	19	1.01
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	19	1.01
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	14	1.01
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	14	1.01
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	17	1.01
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	17	1.01
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	16	1.01
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	16	1.01
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	5	1.01
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	5	1.01
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	18	1.01
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	18	1.01
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	7	1.01
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	7	1.01
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	20	1.01
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	20	1.01
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	3	1.01
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	14	1.01
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	20	1.01
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	20	1.01
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	19	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	14	1.01
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	20	1.01
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	2	1.01
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	2	1.01
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	2	1.01
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	2	1.01
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	2	1.01
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	2	1.01
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	9	1.01
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	9	1.01
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	9	1.01
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	12	1.01
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	12	1.01
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	12	1.01
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	3	1.01
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	3	1.01
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	3	1.01
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	16	1.01
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	16	1.01
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	16	1.01
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD23	17	1.01
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD21	17	1.01
(1,2796)	1:854:A:ILE:HA	1:900:A:LEU:HD22	17	1.01
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	17	1.01
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	7	1.01
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	20	1.01
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	20	1.01
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	20	1.01
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	7	1.01
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	7	1.01
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	7	1.01
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	5	1.01
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	1	1.01
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	5	1.01
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	5	1.01
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	5	1.01
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	5	1.01
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	5	1.01
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	5	1.01
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	17	1.01
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	9	1.01
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	14	1.01
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	17	1.01
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	17	1.01
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	1	1.01
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	1	1.01
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	20	1.01
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	20	1.01
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	20	1.01
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	20	1.01
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	20	1.01
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	20	1.01
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	20	1.01
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	20	1.01
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	20	1.01
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	8	1.01
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	8	1.01
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	8	1.01
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	10	1.01
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	10	1.01
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	10	1.01
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	19	1.01
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	19	1.01
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	19	1.01
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	1	1.01
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	1	1.01
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	1	1.01
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	13	1.01
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	13	1.01
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	13	1.01
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	13	1.01
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	13	1.01
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	13	1.01
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	18	1.01
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	3	1.01
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	3	1.01
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	3	1.01
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	10	1.01
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	10	1.01
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	10	1.01
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	14	1.01
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	14	1.01
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	14	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	10	1.01
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	10	1.01
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	16	1.01
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	16	1.01
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	20	1.01
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	20	1.01
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	10	1.01
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	10	1.01
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	3	1.01
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	3	1.01
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	3	1.01
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	3	1.01
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	4	1.01
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	4	1.01
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	4	1.01
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	4	1.01
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	11	1.01
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	15	1.01
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	15	1.01
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	9	1.01
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	9	1.01
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	11	1.01
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	11	1.01
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	16	1.01
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	16	1.01
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	13	1.01
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	13	1.01
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	14	1.01
(1,2454)	1:886:A:LEU:HA	1:889:A:ILE:H	15	1.01
(1,2448)	1:901:A:PHE:HD2	1:917:A:ILE:HA	12	1.01
(1,2448)	1:901:A:PHE:HD1	1:917:A:ILE:HA	12	1.01
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	16	1.01
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	16	1.01
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	5	1.01
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	4	1.01
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	4	1.01
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	13	1.01
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	4	1.01
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	4	1.01
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	3	1.01
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	3	1.01
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	6	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	6	1.01
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	6	1.01
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	6	1.01
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	12	1.01
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	12	1.01
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	12	1.01
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	12	1.01
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	12	1.01
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	12	1.01
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	2	1.01
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	2	1.01
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	2	1.01
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	2	1.01
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	14	1.01
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	14	1.01
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	14	1.01
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	14	1.01
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	14	1.01
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	14	1.01
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	2	1.01
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	2	1.01
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	1	1.01
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	1	1.01
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	2	1.01
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	2	1.01
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	8	1.01
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	7	1.01
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	7	1.01
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	7	1.01
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	4	1.01
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	4	1.01
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	9	1.01
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	9	1.01
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	5	1.01
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	5	1.01
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	3	1.01
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	3	1.01
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	3	1.01
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	9	1.01
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	9	1.01
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	9	1.01
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	10	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	10	1.01
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	10	1.01
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	13	1.01
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	13	1.01
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	13	1.01
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	16	1.01
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	16	1.01
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	16	1.01
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	5	1.01
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	12	1.01
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	5	1.01
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	15	1.01
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	1	1.01
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	1	1.01
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	1	1.01
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	3	1.01
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	3	1.01
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	3	1.01
(1,2209)	1:920:A:LEU:HD21	1:924:A:TYR:H	5	1.01
(1,2209)	1:920:A:LEU:HD22	1:924:A:TYR:H	5	1.01
(1,2209)	1:920:A:LEU:HD23	1:924:A:TYR:H	5	1.01
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	6	1.01
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE1	9	1.01
(1,2193)	1:923:A:GLN:H	1:924:A:TYR:HE2	9	1.01
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	1	1.01
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	16	1.01
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	1	1.01
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	1	1.01
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	15	1.01
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	15	1.01
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	4	1.01
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	3	1.01
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	3	1.01
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	9	1.01
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	9	1.01
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	11	1.01
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	16	1.01
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	16	1.01
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	16	1.01
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	6	1.01
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	17	1.01
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	17	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	19	1.01
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	19	1.01
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	6	1.01
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	6	1.01
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	20	1.01
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	20	1.01
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	16	1.01
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	16	1.01
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	16	1.01
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	17	1.01
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	17	1.01
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	2	1.01
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	2	1.01
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	17	1.01
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	17	1.01
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	6	1.01
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	6	1.01
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	6	1.01
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	18	1.01
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	18	1.01
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	18	1.01
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	6	1.01
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	18	1.01
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	18	1.01
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	18	1.01
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	16	1.01
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	20	1.01
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	3	1.01
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	4	1.01
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	4	1.01
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	4	1.01
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	6	1.01
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	16	1.01
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	9	1.01
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	9	1.01
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	8	1.01
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	8	1.01
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	8	1.01
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	8	1.01
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	10	1.01
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	10	1.01
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	19	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	19	1.01
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	4	1.01
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	7	1.01
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	18	1.01
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	18	1.01
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	18	1.01
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	18	1.01
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	8	1.01
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	8	1.01
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	8	1.01
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	10	1.01
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	14	1.01
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	14	1.01
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	19	1.01
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	19	1.01
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	7	1.01
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	7	1.01
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB2	8	1.01
(1,1751)	1:882:A:PHE:H	1:882:A:PHE:HB3	8	1.01
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	13	1.01
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	5	1.01
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	5	1.01
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	5	1.01
(1,1746)	1:845:A:LEU:HD21	1:882:A:PHE:H	12	1.01
(1,1746)	1:845:A:LEU:HD22	1:882:A:PHE:H	12	1.01
(1,1746)	1:845:A:LEU:HD23	1:882:A:PHE:H	12	1.01
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	6	1.01
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	6	1.01
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	3	1.01
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	3	1.01
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	4	1.01
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	11	1.01
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	3	1.01
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	3	1.01
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	3	1.01
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	8	1.01
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	8	1.01
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	6	1.01
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	6	1.01
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	6	1.01
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB1	7	1.01
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB2	7	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1683)	1:877:A:SER:H	1:879:A:ALA:HB3	7	1.01
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	2	1.01
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	2	1.01
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	2	1.01
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	8	1.01
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	8	1.01
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	8	1.01
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	9	1.01
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	15	1.01
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	20	1.01
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	20	1.01
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	20	1.01
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	8	1.01
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	8	1.01
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	8	1.01
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	13	1.01
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	13	1.01
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	13	1.01
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	16	1.01
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	16	1.01
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	16	1.01
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	10	1.01
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	11	1.01
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	20	1.01
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	20	1.01
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	20	1.01
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	7	1.01
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	7	1.01
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	7	1.01
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	6	1.01
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	6	1.01
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	2	1.01
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	2	1.01
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	2	1.01
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	3	1.01
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	3	1.01
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	3	1.01
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	11	1.01
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	11	1.01
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	11	1.01
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	10	1.01
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	16	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1502)	1:826:A:ALA:HB1	1:861:A:LEU:H	10	1.01
(1,1502)	1:826:A:ALA:HB2	1:861:A:LEU:H	10	1.01
(1,1502)	1:826:A:ALA:HB3	1:861:A:LEU:H	10	1.01
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	6	1.01
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	14	1.01
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	10	1.01
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	4	1.01
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	1	1.01
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	6	1.01
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	6	1.01
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	6	1.01
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	14	1.01
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	7	1.01
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	2	1.01
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	7	1.01
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	8	1.01
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	10	1.01
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	17	1.01
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	18	1.01
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	19	1.01
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	10	1.01
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	13	1.01
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	19	1.01
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	1	1.01
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	1	1.01
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	12	1.01
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	12	1.01
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	2	1.01
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	2	1.01
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	5	1.01
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	5	1.01
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	5	1.01
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	15	1.01
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	15	1.01
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	15	1.01
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	6	1.01
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD11	7	1.01
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD12	7	1.01
(1,1298)	1:841:A:LEU:H	1:841:A:LEU:HD13	7	1.01
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	18	1.01
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	13	1.01
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	14	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	19	1.01
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	20	1.01
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	20	1.01
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	20	1.01
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	2	1.01
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	20	1.01
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	10	1.01
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	10	1.01
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	10	1.01
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	18	1.01
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	18	1.01
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	18	1.01
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	1	1.01
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	1	1.01
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	1	1.01
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	6	1.01
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	13	1.01
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	15	1.01
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	3	1.01
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	4	1.01
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	9	1.01
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	17	1.01
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	10	1.01
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	18	1.01
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	18	1.01
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	18	1.01
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	4	1.01
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	4	1.01
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	4	1.01
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	18	1.01
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	18	1.01
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	18	1.01
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	11	1.01
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	11	1.01
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	11	1.01
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD12	6	1.01
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD13	6	1.01
(1,1155)	1:826:A:ALA:H	1:852:A:LEU:HD11	6	1.01
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	2	1.01
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	2	1.01
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	2	1.01
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB1	11	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB2	11	1.01
(1,1149)	1:825:A:CYS:H	1:826:A:ALA:HB3	11	1.01
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	1	1.01
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	1	1.01
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	5	1.01
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	9	1.01
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	14	1.01
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	3	1.01
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	6	1.01
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	17	1.01
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	20	1.01
(1,1134)	1:816:A:LEU:HD21	1:824:A:ALA:H	5	1.01
(1,1134)	1:816:A:LEU:HD22	1:824:A:ALA:H	5	1.01
(1,1134)	1:816:A:LEU:HD23	1:824:A:ALA:H	5	1.01
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	5	1.01
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	17	1.01
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	9	1.01
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	14	1.01
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	18	1.01
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	11	1.01
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	9	1.01
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	15	1.01
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	15	1.01
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	15	1.01
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	7	1.01
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	7	1.01
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	7	1.01
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	6	1.01
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	6	1.01
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	1	1.01
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	1	1.01
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	1	1.01
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	14	1.01
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	4	1.01
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	4	1.01
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	20	1.01
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	20	1.01
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	16	1.01
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	17	1.01
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	9	1.01
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	11	1.01
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	7	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	7	1.01
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	7	1.01
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	16	1.01
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	16	1.01
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	16	1.01
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	19	1.01
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	4	1.01
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	3	1.01
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	6	1.01
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	20	1.01
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	20	1.01
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	20	1.01
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	4	1.01
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	4	1.01
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	4	1.01
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	4	1.01
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	4	1.01
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	6	1.01
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	6	1.01
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	6	1.01
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	7	1.01
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	7	1.01
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	7	1.01
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	19	1.01
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	19	1.01
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	19	1.01
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	9	1.01
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	9	1.01
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	9	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	3	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	3	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	3	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	13	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	13	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	13	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	16	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	16	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	16	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	17	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	17	1.01
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	17	1.01
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	13	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	13	1.01
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	13	1.01
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD22	19	1.01
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD23	19	1.01
(1,822)	1:926:A:LEU:HA	1:926:A:LEU:HD21	19	1.01
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	10	1.01
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	12	1.01
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	12	1.01
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	12	1.01
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	16	1.01
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	19	1.01
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	19	1.01
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	19	1.01
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	19	1.01
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	7	1.01
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	7	1.01
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	7	1.01
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	10	1.01
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	10	1.01
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	10	1.01
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	10	1.01
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	10	1.01
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	16	1.01
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	12	1.01
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	17	1.01
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	12	1.01
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	2	1.01
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	2	1.01
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	6	1.01
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	9	1.01
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	9	1.01
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	9	1.01
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	7	1.01
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	7	1.01
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	7	1.01
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	14	1.01
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	14	1.01
(1,604)	1:889:A:ILE:HD12	1:894:A:LYS:H	5	1.01
(1,604)	1:889:A:ILE:HD13	1:894:A:LYS:H	5	1.01
(1,604)	1:889:A:ILE:HD11	1:894:A:LYS:H	5	1.01
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	7	1.01
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	7	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	7	1.01
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	11	1.01
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	11	1.01
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	11	1.01
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	12	1.01
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	12	1.01
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	12	1.01
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	14	1.01
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	14	1.01
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	14	1.01
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	19	1.01
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	19	1.01
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	19	1.01
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	5	1.01
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	5	1.01
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	5	1.01
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	14	1.01
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	14	1.01
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	14	1.01
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	14	1.01
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	14	1.01
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	14	1.01
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	7	1.01
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	7	1.01
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	7	1.01
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	9	1.01
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	9	1.01
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	20	1.01
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	20	1.01
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	6	1.01
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	6	1.01
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	6	1.01
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	11	1.01
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	11	1.01
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	11	1.01
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	16	1.01
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	16	1.01
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	16	1.01
(1,516)	1:841:A:LEU:HD11	1:879:A:ALA:HA	4	1.01
(1,516)	1:841:A:LEU:HD12	1:879:A:ALA:HA	4	1.01
(1,516)	1:841:A:LEU:HD13	1:879:A:ALA:HA	4	1.01
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	3	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	14	1.01
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	14	1.01
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	6	1.01
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	14	1.01
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	19	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	4	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	4	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	4	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	13	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	13	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	13	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	18	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	18	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	18	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	20	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	20	1.01
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	20	1.01
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	4	1.01
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	4	1.01
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	4	1.01
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	11	1.01
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	11	1.01
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	11	1.01
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	14	1.01
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	14	1.01
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	14	1.01
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	8	1.01
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	8	1.01
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	8	1.01
(1,464)	1:837:A:LEU:HD11	1:872:A:HIS:HA	17	1.01
(1,464)	1:837:A:LEU:HD12	1:872:A:HIS:HA	17	1.01
(1,464)	1:837:A:LEU:HD13	1:872:A:HIS:HA	17	1.01
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	4	1.01
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	19	1.01
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	3	1.01
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	7	1.01
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	7	1.01
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	14	1.01
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	14	1.01
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	15	1.01
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	15	1.01
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	16	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	16	1.01
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	7	1.01
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	7	1.01
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	5	1.01
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	5	1.01
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	5	1.01
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	11	1.01
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	11	1.01
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	11	1.01
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	4	1.01
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	4	1.01
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	4	1.01
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	14	1.01
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	14	1.01
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	14	1.01
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	5	1.01
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD21	11	1.01
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD22	11	1.01
(1,309)	1:852:A:LEU:HB3	1:852:A:LEU:HD23	11	1.01
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	2	1.01
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	4	1.01
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	4	1.01
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	6	1.01
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	6	1.01
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	20	1.01
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	20	1.01
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	9	1.01
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	9	1.01
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	9	1.01
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	11	1.01
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	11	1.01
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	11	1.01
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	13	1.01
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	13	1.01
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	13	1.01
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	15	1.01
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	15	1.01
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	15	1.01
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	2	1.01
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	2	1.01
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	2	1.01
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	3	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	3	1.01
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	3	1.01
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	8	1.01
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	8	1.01
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	8	1.01
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	3	1.01
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	3	1.01
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	3	1.01
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	1	1.01
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	1	1.01
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	1	1.01
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	2	1.01
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	4	1.01
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	4	1.01
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	4	1.01
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	6	1.01
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	4	1.01
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	10	1.01
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	5	1.01
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	5	1.01
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	5	1.01
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	5	1.01
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	5	1.01
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	5	1.01
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	14	1.01
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	14	1.01
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	11	1.01
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	11	1.01
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	20	1.01
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	20	1.01
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	2	1.01
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	2	1.01
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	2	1.01
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	6	1.01
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	6	1.01
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	6	1.01
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	10	1.01
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	10	1.01
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	10	1.01
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	19	1.01
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	19	1.01
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	19	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	4	1.01
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG22	13	1.01
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG23	13	1.01
(1,104)	1:814:A:ASN:HB3	1:849:A:THR:HG21	13	1.01
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	15	1.01
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	19	1.01
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	19	1.01
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	19	1.01
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	4	1.01
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	4	1.01
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	4	1.01
(1,62)	1:812:A:ILE:HG23	1:814:A:ASN:H	15	1.01
(1,62)	1:812:A:ILE:HG21	1:814:A:ASN:H	15	1.01
(1,62)	1:812:A:ILE:HG22	1:814:A:ASN:H	15	1.01
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	6	1.01
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	15	1.01
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	4	1.01
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	1	1.01
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	1	1.01
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	1	1.01
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	1	1.01
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	1	1.01
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	1	1.01
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	12	1.01
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	12	1.01
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	12	1.01
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	9	1.01
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	6	1.0
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	6	1.0
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	10	1.0
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	10	1.0
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	16	1.0
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	16	1.0
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	19	1.0
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	19	1.0
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	20	1.0
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	20	1.0
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	10	1.0
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	10	1.0
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	13	1.0
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	13	1.0
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	5	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	5	1.0
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	7	1.0
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	7	1.0
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	4	1.0
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	4	1.0
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	17	1.0
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	17	1.0
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	7	1.0
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	7	1.0
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	1	1.0
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	1	1.0
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	7	1.0
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	7	1.0
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	10	1.0
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	10	1.0
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	9	1.0
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	9	1.0
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	15	1.0
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	15	1.0
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	7	1.0
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	7	1.0
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	9	1.0
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	9	1.0
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	3	1.0
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	3	1.0
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	8	1.0
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	8	1.0
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	16	1.0
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	16	1.0
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB2	6	1.0
(1,3126)	1:836:A:ASP:HA	1:839:A:MET:HB3	6	1.0
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	9	1.0
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	9	1.0
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	9	1.0
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	9	1.0
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	4	1.0
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	4	1.0
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	4	1.0
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	4	1.0
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	18	1.0
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	18	1.0
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	18	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	18	1.0
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	15	1.0
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	15	1.0
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	15	1.0
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	1	1.0
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	1	1.0
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	2	1.0
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	2	1.0
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	10	1.0
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	10	1.0
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	15	1.0
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	15	1.0
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	6	1.0
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	6	1.0
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	12	1.0
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	12	1.0
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	10	1.0
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	10	1.0
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	6	1.0
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	6	1.0
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	19	1.0
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	2	1.0
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	2	1.0
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	2	1.0
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	1	1.0
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	1	1.0
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	1	1.0
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	20	1.0
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	20	1.0
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	20	1.0
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	14	1.0
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	17	1.0
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	16	1.0
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	16	1.0
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	9	1.0
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	9	1.0
(1,2947)	1:867:A:SER:HB3	1:909:A:ASN:HD22	16	1.0
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	17	1.0
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	17	1.0
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	17	1.0
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	11	1.0
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	11	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	11	1.0
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	2	1.0
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	5	1.0
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	6	1.0
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	6	1.0
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	6	1.0
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	15	1.0
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	15	1.0
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	15	1.0
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	17	1.0
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	17	1.0
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	17	1.0
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	13	1.0
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	13	1.0
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	13	1.0
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	12	1.0
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	12	1.0
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	12	1.0
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD11	9	1.0
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD12	9	1.0
(1,2789)	1:917:A:ILE:HA	1:920:A:LEU:HD13	9	1.0
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	6	1.0
(1,2763)	1:813:A:ILE:HG21	1:814:A:ASN:HA	12	1.0
(1,2763)	1:813:A:ILE:HG22	1:814:A:ASN:HA	12	1.0
(1,2763)	1:813:A:ILE:HG23	1:814:A:ASN:HA	12	1.0
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	2	1.0
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	14	1.0
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	15	1.0
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	18	1.0
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	19	1.0
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	15	1.0
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	13	1.0
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	13	1.0
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	13	1.0
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	4	1.0
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	4	1.0
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	20	1.0
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	20	1.0
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	20	1.0
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	20	1.0
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	13	1.0
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	13	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	15	1.0
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	15	1.0
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	15	1.0
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	15	1.0
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	15	1.0
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	15	1.0
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	11	1.0
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	11	1.0
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	11	1.0
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	14	1.0
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	14	1.0
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	14	1.0
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	14	1.0
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	14	1.0
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	14	1.0
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	3	1.0
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	13	1.0
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	13	1.0
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	4	1.0
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	4	1.0
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	4	1.0
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	4	1.0
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	4	1.0
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	16	1.0
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	16	1.0
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	5	1.0
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	3	1.0
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	7	1.0
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	7	1.0
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	10	1.0
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	10	1.0
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	18	1.0
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	18	1.0
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	19	1.0
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	19	1.0
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	19	1.0
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	19	1.0
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	6	1.0
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	6	1.0
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	16	1.0
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	18	1.0
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	18	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	9	1.0
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	9	1.0
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	15	1.0
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	15	1.0
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	15	1.0
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	15	1.0
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	16	1.0
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	17	1.0
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	19	1.0
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	11	1.0
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	11	1.0
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	6	1.0
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	20	1.0
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	20	1.0
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	1	1.0
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	1	1.0
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	7	1.0
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	7	1.0
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	16	1.0
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	16	1.0
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	8	1.0
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	8	1.0
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	12	1.0
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	12	1.0
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	12	1.0
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	12	1.0
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	12	1.0
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	12	1.0
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	19	1.0
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	19	1.0
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	19	1.0
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	19	1.0
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	19	1.0
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	19	1.0
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	3	1.0
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	3	1.0
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	5	1.0
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	5	1.0
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	17	1.0
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	17	1.0
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	2	1.0
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	2	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	8	1.0
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	8	1.0
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	18	1.0
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	18	1.0
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	10	1.0
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	12	1.0
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	1	1.0
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	1	1.0
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	1	1.0
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	2	1.0
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	2	1.0
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	2	1.0
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	8	1.0
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	8	1.0
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	8	1.0
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	12	1.0
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	12	1.0
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	12	1.0
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	15	1.0
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	15	1.0
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	15	1.0
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	18	1.0
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	18	1.0
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	18	1.0
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	12	1.0
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	12	1.0
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	12	1.0
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	13	1.0
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	1	1.0
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	1	1.0
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	1	1.0
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	10	1.0
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	10	1.0
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	10	1.0
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	3	1.0
(1,2181)	1:920:A:LEU:HD21	1:923:A:GLN:H	9	1.0
(1,2181)	1:920:A:LEU:HD22	1:923:A:GLN:H	9	1.0
(1,2181)	1:920:A:LEU:HD23	1:923:A:GLN:H	9	1.0
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	3	1.0
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	10	1.0
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	10	1.0
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	10	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	15	1.0
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	15	1.0
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	3	1.0
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	3	1.0
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	1	1.0
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	1	1.0
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	1	1.0
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	2	1.0
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	2	1.0
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	2	1.0
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	9	1.0
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	9	1.0
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	9	1.0
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	2	1.0
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	10	1.0
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	10	1.0
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	2	1.0
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	2	1.0
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	7	1.0
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	11	1.0
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	16	1.0
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	16	1.0
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	16	1.0
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	13	1.0
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	17	1.0
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	17	1.0
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	17	1.0
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	1	1.0
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	8	1.0
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	15	1.0
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	12	1.0
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	12	1.0
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	5	1.0
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	5	1.0
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	9	1.0
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	10	1.0
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	10	1.0
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	1	1.0
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	1	1.0
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	1	1.0
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	5	1.0
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	5	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	16	1.0
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	16	1.0
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	1	1.0
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	1	1.0
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	1	1.0
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	19	1.0
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	19	1.0
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	19	1.0
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	1	1.0
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	5	1.0
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	5	1.0
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	10	1.0
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	7	1.0
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	7	1.0
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	7	1.0
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	8	1.0
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	8	1.0
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	8	1.0
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	15	1.0
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	15	1.0
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	15	1.0
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	2	1.0
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	2	1.0
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	2	1.0
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	13	1.0
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	16	1.0
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	2	1.0
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	2	1.0
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	2	1.0
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	18	1.0
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	10	1.0
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	10	1.0
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	12	1.0
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	12	1.0
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	18	1.0
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	18	1.0
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	20	1.0
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	4	1.0
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	4	1.0
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	4	1.0
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	9	1.0
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	9	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	9	1.0
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	15	1.0
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	15	1.0
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	15	1.0
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	20	1.0
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	20	1.0
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	20	1.0
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	3	1.0
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	3	1.0
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	6	1.0
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	6	1.0
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	15	1.0
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	18	1.0
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE2	1	1.0
(1,1693)	1:877:A:SER:H	1:882:A:PHE:HE1	1	1.0
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	4	1.0
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	4	1.0
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	4	1.0
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	9	1.0
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	9	1.0
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	9	1.0
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	16	1.0
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	13	1.0
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	20	1.0
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	13	1.0
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	13	1.0
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	16	1.0
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	8	1.0
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	8	1.0
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	8	1.0
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	6	1.0
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	6	1.0
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	6	1.0
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	9	1.0
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	9	1.0
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	9	1.0
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	17	1.0
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	6	1.0
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	17	1.0
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	6	1.0
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	17	1.0
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	19	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	13	1.0
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	5	1.0
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	9	1.0
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	9	1.0
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	6	1.0
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	6	1.0
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	13	1.0
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	8	1.0
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	8	1.0
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	8	1.0
(1,1548)	1:862:A:ILE:HD11	1:867:A:SER:H	4	1.0
(1,1548)	1:862:A:ILE:HD12	1:867:A:SER:H	4	1.0
(1,1548)	1:862:A:ILE:HD13	1:867:A:SER:H	4	1.0
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	1	1.0
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	6	1.0
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	16	1.0
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	18	1.0
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	12	1.0
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	6	1.0
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	14	1.0
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	7	1.0
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	9	1.0
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	16	1.0
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	20	1.0
(1,1379)	1:848:A:ASP:HB2	1:851:A:LEU:H	20	1.0
(1,1379)	1:848:A:ASP:HB3	1:851:A:LEU:H	20	1.0
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	16	1.0
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	15	1.0
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	15	1.0
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	3	1.0
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	18	1.0
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	4	1.0
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	5	1.0
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	12	1.0
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	1	1.0
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	1	1.0
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	1	1.0
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	2	1.0
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	7	1.0
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	10	1.0
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	10	1.0
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	5	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	5	1.0
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	5	1.0
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	16	1.0
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	16	1.0
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	16	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	2	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	2	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	2	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	3	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	3	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	3	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	9	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	9	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	9	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	15	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	15	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	15	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	16	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	16	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	16	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	17	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	17	1.0
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	17	1.0
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	18	1.0
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	14	1.0
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	9	1.0
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	9	1.0
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	9	1.0
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	10	1.0
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	3	1.0
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	3	1.0
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	3	1.0
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	8	1.0
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	8	1.0
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	8	1.0
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	1	1.0
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	5	1.0
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	7	1.0
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	11	1.0
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	12	1.0
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	20	1.0
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	8	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	8	1.0
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	8	1.0
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	13	1.0
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	14	1.0
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	14	1.0
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	14	1.0
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	7	1.0
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	16	1.0
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	10	1.0
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	15	1.0
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	1	1.0
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	1	1.0
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	4	1.0
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	4	1.0
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	13	1.0
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	13	1.0
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	13	1.0
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	18	1.0
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	10	1.0
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	5	1.0
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	5	1.0
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	19	1.0
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	19	1.0
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	5	1.0
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	5	1.0
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	5	1.0
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	14	1.0
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	14	1.0
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	14	1.0
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	2	1.0
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	2	1.0
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	2	1.0
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	18	1.0
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	18	1.0
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	18	1.0
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	4	1.0
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	4	1.0
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	8	1.0
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	8	1.0
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	8	1.0
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	4	1.0
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	16	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	16	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	9	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	9	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	9	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	12	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	12	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	12	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	13	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	13	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	13	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	19	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	19	1.0
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	19	1.0
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	1	1.0
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	14	1.0
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	13	1.0
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	19	1.0
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	2	1.0
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	2	1.0
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	20	1.0
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	14	1.0
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	19	1.0
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	7	1.0
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	17	1.0
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	11	1.0
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	11	1.0
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	19	1.0
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	19	1.0
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	15	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	2	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	2	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	2	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	9	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	9	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	9	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	15	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	15	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	15	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	16	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	16	1.0
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	16	1.0
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	2	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	2	1.0
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	2	1.0
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	15	1.0
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	15	1.0
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	15	1.0
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	4	1.0
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	4	1.0
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	4	1.0
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	15	1.0
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	15	1.0
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	15	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	2	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	2	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	2	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	8	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	8	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	8	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	9	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	9	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	9	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	10	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	10	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	10	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	14	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	14	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	14	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	18	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	18	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	18	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	20	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	20	1.0
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	20	1.0
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	12	1.0
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	16	1.0
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	16	1.0
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	16	1.0
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	13	1.0
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	3	1.0
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	3	1.0
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	3	1.0
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	8	1.0
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	1	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	7	1.0
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	4	1.0
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	1	1.0
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	4	1.0
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	2	1.0
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	14	1.0
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	20	1.0
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	15	1.0
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	7	1.0
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	7	1.0
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	7	1.0
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	7	1.0
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD2	8	1.0
(1,627)	1:894:A:LYS:HG2	1:894:A:LYS:HD3	8	1.0
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD2	8	1.0
(1,627)	1:894:A:LYS:HG3	1:894:A:LYS:HD3	8	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	3	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	3	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	3	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	10	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	10	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	10	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	11	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	11	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	11	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	12	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	12	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	12	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	13	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	13	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	13	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	16	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	16	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	16	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	17	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	17	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	17	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	18	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	18	1.0
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	18	1.0
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	17	1.0
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	14	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	14	1.0
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	14	1.0
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	9	1.0
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	9	1.0
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	9	1.0
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	11	1.0
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	11	1.0
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	11	1.0
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	17	1.0
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	17	1.0
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	17	1.0
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	8	1.0
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	8	1.0
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	8	1.0
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	8	1.0
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	8	1.0
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	8	1.0
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	1	1.0
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	1	1.0
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	1	1.0
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	14	1.0
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	14	1.0
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	14	1.0
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	1	1.0
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	1	1.0
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	1	1.0
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	10	1.0
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	10	1.0
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	10	1.0
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	18	1.0
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	2	1.0
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	1	1.0
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	1	1.0
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	5	1.0
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	5	1.0
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	5	1.0
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	15	1.0
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	15	1.0
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	15	1.0
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	16	1.0
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	16	1.0
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	16	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	6	1.0
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	6	1.0
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	6	1.0
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	14	1.0
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	13	1.0
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	13	1.0
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	13	1.0
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	12	1.0
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	18	1.0
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	8	1.0
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	8	1.0
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	13	1.0
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	13	1.0
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	20	1.0
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	20	1.0
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	16	1.0
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	16	1.0
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	16	1.0
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	5	1.0
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	5	1.0
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	5	1.0
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	1	1.0
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	1	1.0
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	1	1.0
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	17	1.0
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	17	1.0
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	17	1.0
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	18	1.0
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	18	1.0
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	18	1.0
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	14	1.0
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	14	1.0
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	14	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	2	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	2	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	2	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	6	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	6	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	6	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	10	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	10	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	10	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	11	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	11	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	11	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	15	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	15	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	15	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	19	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	19	1.0
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	19	1.0
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	16	1.0
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	16	1.0
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	16	1.0
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	17	1.0
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	17	1.0
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	17	1.0
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	16	1.0
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	18	1.0
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	18	1.0
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	12	1.0
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	12	1.0
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	12	1.0
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	12	1.0
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	12	1.0
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	9	1.0
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	9	1.0
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	9	1.0
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE1	19	1.0
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE2	19	1.0
(1,259)	1:839:A:MET:HA	1:839:A:MET:HE3	19	1.0
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	20	1.0
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	20	1.0
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	20	1.0
(1,256)	1:839:A:MET:H	1:839:A:MET:HE1	13	1.0
(1,256)	1:839:A:MET:H	1:839:A:MET:HE2	13	1.0
(1,256)	1:839:A:MET:H	1:839:A:MET:HE3	13	1.0
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG3	6	1.0
(1,254)	1:839:A:MET:HA	1:839:A:MET:HG2	6	1.0
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	4	1.0
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	8	1.0
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	8	1.0
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	8	1.0
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	1	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	7	1.0
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	3	1.0
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	11	1.0
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	11	1.0
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	11	1.0
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	8	1.0
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	8	1.0
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	8	1.0
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	7	1.0
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	7	1.0
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	7	1.0
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	6	1.0
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	6	1.0
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	6	1.0
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	2	1.0
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	2	1.0
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	2	1.0
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	7	1.0
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	7	1.0
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	7	1.0
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	13	1.0
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	19	1.0
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	1	1.0
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	16	1.0
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	16	1.0
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	16	1.0
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	9	1.0
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	4	1.0
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	4	1.0
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	4	1.0
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	9	1.0
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	9	1.0
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	9	1.0
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	12	1.0
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	17	1.0
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	17	1.0
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	17	1.0
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	10	1.0
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	10	1.0
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	10	1.0
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	7	1.0
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	7	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	7	1.0
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	17	1.0
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	16	1.0
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	16	1.0
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	16	1.0
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	17	1.0
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	17	1.0
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	17	1.0
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	4	1.0
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	4	1.0
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	4	1.0
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	20	1.0
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	4	1.0
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	4	1.0
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	4	1.0
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	12	0.99
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	12	0.99
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	14	0.99
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	14	0.99
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	17	0.99
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	17	0.99
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	8	0.99
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	8	0.99
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	20	0.99
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	20	0.99
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	4	0.99
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	4	0.99
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	2	0.99
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	2	0.99
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	2	0.99
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	2	0.99
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	14	0.99
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	14	0.99
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	6	0.99
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	6	0.99
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	6	0.99
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	6	0.99
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	6	0.99
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	6	0.99
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	19	0.99
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	19	0.99
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	19	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	19	0.99
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	19	0.99
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	19	0.99
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	6	0.99
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	6	0.99
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	14	0.99
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	14	0.99
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	18	0.99
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	18	0.99
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	8	0.99
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	8	0.99
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	20	0.99
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	20	0.99
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	12	0.99
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	12	0.99
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	12	0.99
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	12	0.99
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	15	0.99
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	15	0.99
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	14	0.99
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	14	0.99
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	19	0.99
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	19	0.99
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	5	0.99
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	5	0.99
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	1	0.99
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	1	0.99
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	9	0.99
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	9	0.99
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	17	0.99
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	17	0.99
(1,3213)	1:856:A:SER:HB2	1:857:A:LEU:H	10	0.99
(1,3213)	1:856:A:SER:HB3	1:857:A:LEU:H	10	0.99
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	15	0.99
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	15	0.99
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	10	0.99
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	10	0.99
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	17	0.99
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	17	0.99
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	3	0.99
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	3	0.99
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	8	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	8	0.99
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	18	0.99
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	18	0.99
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	12	0.99
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	12	0.99
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	14	0.99
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	14	0.99
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	2	0.99
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	2	0.99
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	2	0.99
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	2	0.99
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	6	0.99
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	6	0.99
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	6	0.99
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	6	0.99
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	19	0.99
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	19	0.99
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	12	0.99
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	12	0.99
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	3	0.99
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	3	0.99
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	19	0.99
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	19	0.99
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	20	0.99
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	20	0.99
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	18	0.99
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	18	0.99
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	20	0.99
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	20	0.99
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	16	0.99
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	16	0.99
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	2	0.99
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	3	0.99
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	14	0.99
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	14	0.99
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	14	0.99
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	5	0.99
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	5	0.99
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB2	1	0.99
(1,2961)	1:898:A:GLU:H	1:898:A:GLU:HB3	1	0.99
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	3	0.99
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	17	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	3	0.99
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	12	0.99
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	4	0.99
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	4	0.99
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	4	0.99
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	14	0.99
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	14	0.99
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	14	0.99
(1,2921)	1:852:A:LEU:HA	1:855:A:GLN:HG2	1	0.99
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	19	0.99
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	19	0.99
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	11	0.99
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	11	0.99
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	11	0.99
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	17	0.99
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	17	0.99
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	17	0.99
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	20	0.99
(1,2871)	1:837:A:LEU:HD21	1:872:A:HIS:HA	4	0.99
(1,2871)	1:837:A:LEU:HD22	1:872:A:HIS:HA	4	0.99
(1,2871)	1:837:A:LEU:HD23	1:872:A:HIS:HA	4	0.99
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	12	0.99
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	12	0.99
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	12	0.99
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	10	0.99
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	10	0.99
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	10	0.99
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	4	0.99
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	4	0.99
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	4	0.99
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	16	0.99
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	1	0.99
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	11	0.99
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	18	0.99
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	5	0.99
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	5	0.99
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	5	0.99
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	6	0.99
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	6	0.99
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	11	0.99
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	11	0.99
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	2	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	2	0.99
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	10	0.99
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	10	0.99
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	15	0.99
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	15	0.99
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD2	5	0.99
(1,2653)	1:899:A:GLN:H	1:901:A:PHE:HD1	5	0.99
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	13	0.99
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	13	0.99
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	13	0.99
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	13	0.99
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	13	0.99
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	13	0.99
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	12	0.99
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	12	0.99
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	10	0.99
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	10	0.99
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	10	0.99
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	18	0.99
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	18	0.99
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	18	0.99
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD11	9	0.99
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD12	9	0.99
(1,2626)	1:857:A:LEU:H	1:900:A:LEU:HD13	9	0.99
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	8	0.99
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	8	0.99
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	8	0.99
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	17	0.99
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	17	0.99
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	17	0.99
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	16	0.99
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	16	0.99
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	16	0.99
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	16	0.99
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	16	0.99
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	16	0.99
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	4	0.99
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	4	0.99
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	8	0.99
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	8	0.99
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	3	0.99
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	12	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	12	0.99
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	9	0.99
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	9	0.99
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	6	0.99
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	4	0.99
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	4	0.99
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	4	0.99
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	4	0.99
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	4	0.99
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	20	0.99
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	20	0.99
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD1	9	0.99
(1,2431)	1:832:A:THR:HB	1:840:A:PHE:HD2	9	0.99
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	8	0.99
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	8	0.99
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	7	0.99
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	7	0.99
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	16	0.99
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	16	0.99
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD1	19	0.99
(1,2346)	1:850:A:PHE:HA	1:850:A:PHE:HD2	19	0.99
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	9	0.99
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	9	0.99
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD1	3	0.99
(1,2325)	1:882:A:PHE:HA	1:882:A:PHE:HD2	3	0.99
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	2	0.99
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	2	0.99
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	2	0.99
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	2	0.99
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	2	0.99
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	2	0.99
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	14	0.99
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	14	0.99
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	14	0.99
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	14	0.99
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	14	0.99
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	14	0.99
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	16	0.99
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	16	0.99
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	16	0.99
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	16	0.99
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	16	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	16	0.99
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	18	0.99
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	18	0.99
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	5	0.99
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	5	0.99
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	1	0.99
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	1	0.99
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	1	0.99
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	1	0.99
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	4	0.99
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	4	0.99
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	6	0.99
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	6	0.99
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	5	0.99
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	5	0.99
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	5	0.99
(1,2234)	1:854:A:ILE:HD11	1:924:A:TYR:HH	17	0.99
(1,2234)	1:854:A:ILE:HD12	1:924:A:TYR:HH	17	0.99
(1,2234)	1:854:A:ILE:HD13	1:924:A:TYR:HH	17	0.99
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	13	0.99
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	13	0.99
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	1	0.99
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	1	0.99
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	1	0.99
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	4	0.99
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	4	0.99
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	4	0.99
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	4	0.99
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	19	0.99
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	19	0.99
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	19	0.99
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	10	0.99
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	18	0.99
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	18	0.99
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	18	0.99
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	19	0.99
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	20	0.99
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	20	0.99
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	20	0.99
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	8	0.99
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	8	0.99
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	18	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	5	0.99
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	5	0.99
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	13	0.99
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	13	0.99
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	16	0.99
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	16	0.99
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	17	0.99
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	17	0.99
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	17	0.99
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	15	0.99
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	7	0.99
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	7	0.99
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	20	0.99
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	20	0.99
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	20	0.99
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	16	0.99
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	16	0.99
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	18	0.99
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	18	0.99
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	18	0.99
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	19	0.99
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	3	0.99
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	3	0.99
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	3	0.99
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD11	4	0.99
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD12	4	0.99
(1,1979)	1:905:A:SER:H	1:917:A:ILE:HD13	4	0.99
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	16	0.99
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	16	0.99
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	15	0.99
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	15	0.99
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	2	0.99
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	14	0.99
(1,1957)	1:902:A:GLU:H	1:902:A:GLU:HG2	7	0.99
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	14	0.99
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	14	0.99
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	18	0.99
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	18	0.99
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	18	0.99
(1,1943)	1:901:A:PHE:H	1:901:A:PHE:HB2	16	0.99
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	14	0.99
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	1	0.99
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	20	0.99
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	20	0.99
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	5	0.99
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	5	0.99
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	5	0.99
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	18	0.99
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	11	0.99
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	11	0.99
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	18	0.99
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	18	0.99
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	3	0.99
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	3	0.99
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	9	0.99
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	9	0.99
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	12	0.99
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	12	0.99
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	18	0.99
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	18	0.99
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	5	0.99
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	8	0.99
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	15	0.99
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	2	0.99
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	2	0.99
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	2	0.99
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	9	0.99
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	9	0.99
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	9	0.99
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	11	0.99
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	11	0.99
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	11	0.99
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	14	0.99
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	14	0.99
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	14	0.99
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	6	0.99
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	10	0.99
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	7	0.99
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	7	0.99
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	7	0.99
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	7	0.99
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	19	0.99
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	11	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	14	0.99
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	15	0.99
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	15	0.99
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	16	0.99
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	12	0.99
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	5	0.99
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	8	0.99
(1,1706)	1:876:A:LEU:HD13	1:878:A:LYS:H	17	0.99
(1,1706)	1:876:A:LEU:HD11	1:878:A:LYS:H	17	0.99
(1,1706)	1:876:A:LEU:HD12	1:878:A:LYS:H	17	0.99
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	10	0.99
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	10	0.99
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	10	0.99
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	14	0.99
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	14	0.99
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	14	0.99
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	16	0.99
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	16	0.99
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	16	0.99
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	18	0.99
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	18	0.99
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	18	0.99
(1,1666)	1:873:A:LEU:HA	1:876:A:LEU:H	10	0.99
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	15	0.99
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	13	0.99
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	1	0.99
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	1	0.99
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	1	0.99
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	3	0.99
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	4	0.99
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	5	0.99
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	15	0.99
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	1	0.99
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	15	0.99
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	6	0.99
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	6	0.99
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	6	0.99
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	16	0.99
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	16	0.99
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	20	0.99
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	20	0.99
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	5	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	5	0.99
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	5	0.99
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	9	0.99
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	9	0.99
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	9	0.99
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	19	0.99
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	19	0.99
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	19	0.99
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	1	0.99
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	7	0.99
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	1	0.99
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	20	0.99
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	2	0.99
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	3	0.99
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	14	0.99
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	16	0.99
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	8	0.99
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	19	0.99
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	19	0.99
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	4	0.99
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	17	0.99
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	2	0.99
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	10	0.99
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	1	0.99
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	2	0.99
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	5	0.99
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	19	0.99
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	19	0.99
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	19	0.99
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	19	0.99
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	19	0.99
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	2	0.99
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	6	0.99
(1,1402)	1:853:A:LEU:H	1:854:A:ILE:H	15	0.99
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	20	0.99
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	20	0.99
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	20	0.99
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	11	0.99
(1,1302)	1:841:A:LEU:H	1:841:A:LEU:HB2	14	0.99
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	11	0.99
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	15	0.99
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	5	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	5	0.99
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	5	0.99
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	6	0.99
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	6	0.99
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	6	0.99
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	15	0.99
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	15	0.99
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	15	0.99
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	19	0.99
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	10	0.99
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	9	0.99
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	12	0.99
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	15	0.99
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	15	0.99
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	17	0.99
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	17	0.99
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	4	0.99
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	15	0.99
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	7	0.99
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	7	0.99
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	7	0.99
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	14	0.99
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	14	0.99
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	14	0.99
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE1	8	0.99
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE2	8	0.99
(1,1264)	1:836:A:ASP:H	1:839:A:MET:HE3	8	0.99
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	16	0.99
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	9	0.99
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	9	0.99
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	11	0.99
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	11	0.99
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	11	0.99
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	20	0.99
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	20	0.99
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	20	0.99
(1,1238)	1:828:A:LEU:HD23	1:832:A:THR:H	17	0.99
(1,1238)	1:828:A:LEU:HD21	1:832:A:THR:H	17	0.99
(1,1238)	1:828:A:LEU:HD22	1:832:A:THR:H	17	0.99
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	2	0.99
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	3	0.99
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	14	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	18	0.99
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	9	0.99
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	16	0.99
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	8	0.99
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	4	0.99
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	4	0.99
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	7	0.99
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	7	0.99
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	7	0.99
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	4	0.99
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	4	0.99
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	4	0.99
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	2	0.99
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	19	0.99
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	16	0.99
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	19	0.99
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	19	0.99
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	13	0.99
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	9	0.99
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	16	0.99
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	15	0.99
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	13	0.99
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	13	0.99
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	13	0.99
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG22	3	0.99
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG23	3	0.99
(1,1071)	1:817:A:SER:H	1:849:A:THR:HG21	3	0.99
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	16	0.99
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	16	0.99
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	16	0.99
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	13	0.99
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	14	0.99
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	6	0.99
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	6	0.99
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	6	0.99
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	18	0.99
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	18	0.99
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	13	0.99
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	3	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	1	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	1	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	2	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	2	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	2	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	3	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	3	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	3	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	5	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	5	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	5	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	6	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	6	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	6	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	7	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	7	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	7	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	10	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	10	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	10	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	11	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	11	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	11	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	14	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	14	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	14	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	16	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	16	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	16	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	18	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	18	0.99
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	18	0.99
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	2	0.99
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	2	0.99
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	5	0.99
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	5	0.99
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	7	0.99
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	4	0.99
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	8	0.99
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	15	0.99
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	15	0.99
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	8	0.99
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	2	0.99
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	2	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	10	0.99
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	10	0.99
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	6	0.99
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	19	0.99
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	4	0.99
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	4	0.99
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	4	0.99
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	4	0.99
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	11	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	1	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	1	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	1	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	3	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	3	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	3	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	4	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	4	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	4	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	7	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	7	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	7	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	10	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	10	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	10	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	14	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	14	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	14	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	17	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	17	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	17	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	19	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	19	0.99
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	19	0.99
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	16	0.99
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	16	0.99
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	16	0.99
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	20	0.99
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	20	0.99
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	20	0.99
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	17	0.99
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	17	0.99
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	17	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	7	0.99
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	7	0.99
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	7	0.99
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	11	0.99
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	11	0.99
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	11	0.99
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	12	0.99
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	12	0.99
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	12	0.99
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	19	0.99
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	19	0.99
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	19	0.99
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	19	0.99
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	19	0.99
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	19	0.99
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	13	0.99
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	13	0.99
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	15	0.99
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	15	0.99
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	7	0.99
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	6	0.99
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	6	0.99
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	6	0.99
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	10	0.99
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	10	0.99
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	10	0.99
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	10	0.99
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	10	0.99
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	10	0.99
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	19	0.99
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	19	0.99
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	19	0.99
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	19	0.99
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	19	0.99
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	19	0.99
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	12	0.99
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	12	0.99
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	12	0.99
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	19	0.99
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	19	0.99
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	19	0.99
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	20	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	20	0.99
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	20	0.99
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	17	0.99
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	17	0.99
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	17	0.99
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	14	0.99
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	11	0.99
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	11	0.99
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	11	0.99
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	1	0.99
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	1	0.99
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	1	0.99
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	2	0.99
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	13	0.99
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	16	0.99
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE2	18	0.99
(1,698)	1:901:A:PHE:HA	1:901:A:PHE:HE1	18	0.99
(1,695)	1:900:A:LEU:HD23	1:901:A:PHE:HA	4	0.99
(1,695)	1:900:A:LEU:HD21	1:901:A:PHE:HA	4	0.99
(1,695)	1:900:A:LEU:HD22	1:901:A:PHE:HA	4	0.99
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	12	0.99
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	4	0.99
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	10	0.99
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	13	0.99
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	17	0.99
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	5	0.99
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	5	0.99
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	5	0.99
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	8	0.99
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	8	0.99
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	8	0.99
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	9	0.99
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	9	0.99
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	9	0.99
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	19	0.99
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	19	0.99
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	19	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	3	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	3	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	3	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	5	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	5	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	5	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	7	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	7	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	7	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	13	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	13	0.99
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	13	0.99
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	15	0.99
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	15	0.99
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	15	0.99
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	16	0.99
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	16	0.99
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	16	0.99
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	16	0.99
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	16	0.99
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	16	0.99
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	2	0.99
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	2	0.99
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	2	0.99
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	12	0.99
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	12	0.99
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	12	0.99
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	5	0.99
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	5	0.99
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	5	0.99
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	14	0.99
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	14	0.99
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	14	0.99
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	1	0.99
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	1	0.99
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	1	0.99
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	16	0.99
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	4	0.99
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	4	0.99
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	4	0.99
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	9	0.99
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	9	0.99
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	9	0.99
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	11	0.99
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB1	20	0.99
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB2	20	0.99
(1,524)	1:878:A:LYS:H	1:879:A:ALA:HB3	20	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	4	0.99
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	4	0.99
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	10	0.99
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	10	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	3	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	3	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	3	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	9	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	9	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	9	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	10	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	10	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	10	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	17	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	17	0.99
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	17	0.99
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	18	0.99
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	18	0.99
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	18	0.99
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	19	0.99
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	19	0.99
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	19	0.99
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	1	0.99
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	1	0.99
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	1	0.99
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	7	0.99
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	7	0.99
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	7	0.99
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	19	0.99
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	19	0.99
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	19	0.99
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	20	0.99
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	20	0.99
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	20	0.99
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	3	0.99
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	16	0.99
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	2	0.99
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	2	0.99
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	2	0.99
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	3	0.99
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	3	0.99
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	3	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	6	0.99
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	6	0.99
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	6	0.99
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	7	0.99
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	7	0.99
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	7	0.99
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	9	0.99
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	9	0.99
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	9	0.99
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	10	0.99
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	10	0.99
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	10	0.99
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	13	0.99
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	13	0.99
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	13	0.99
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	15	0.99
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	15	0.99
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	15	0.99
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	16	0.99
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	16	0.99
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	16	0.99
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	19	0.99
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	19	0.99
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	19	0.99
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	15	0.99
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	15	0.99
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	15	0.99
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	1	0.99
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	1	0.99
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	1	0.99
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	9	0.99
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	9	0.99
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	9	0.99
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	18	0.99
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	18	0.99
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	18	0.99
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	1	0.99
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	1	0.99
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	1	0.99
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	2	0.99
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	2	0.99
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	2	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	13	0.99
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	13	0.99
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	13	0.99
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	5	0.99
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	5	0.99
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	5	0.99
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	5	0.99
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	5	0.99
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	15	0.99
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	15	0.99
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	15	0.99
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	11	0.99
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	11	0.99
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	11	0.99
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	11	0.99
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	11	0.99
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	11	0.99
(1,230)	1:833:A:ALA:HA	1:836:A:ASP:H	8	0.99
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	20	0.99
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	20	0.99
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	20	0.99
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	16	0.99
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	2	0.99
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	2	0.99
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	2	0.99
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	9	0.99
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	14	0.99
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	14	0.99
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	14	0.99
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	20	0.99
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	20	0.99
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	20	0.99
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	15	0.99
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	17	0.99
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	17	0.99
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	17	0.99
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	10	0.99
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	14	0.99
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	20	0.99
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	1	0.99
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	5	0.99
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	5	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	18	0.99
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	18	0.99
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	11	0.99
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	11	0.99
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	20	0.99
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	12	0.99
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	12	0.99
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	12	0.99
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	19	0.99
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	19	0.99
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	19	0.99
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD11	10	0.99
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD12	10	0.99
(1,98)	1:809:A:PHE:HZ	1:813:A:ILE:HD13	10	0.99
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	19	0.99
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	19	0.99
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	19	0.99
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	9	0.99
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	9	0.99
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	9	0.99
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	18	0.99
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	18	0.99
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	18	0.99
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	11	0.99
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	3	0.99
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	3	0.99
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	3	0.99
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	6	0.99
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	6	0.99
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	6	0.99
(1,3380)	1:920:A:LEU:HB2	1:921:A:LYS:H	2	0.98
(1,3380)	1:920:A:LEU:HB3	1:921:A:LYS:H	2	0.98
(1,3372)	1:915:A:GLU:HG2	1:916:A:ASP:H	2	0.98
(1,3372)	1:915:A:GLU:HG3	1:916:A:ASP:H	2	0.98
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	14	0.98
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	14	0.98
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	9	0.98
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	9	0.98
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	15	0.98
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	15	0.98
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	3	0.98
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	3	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	9	0.98
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	9	0.98
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	10	0.98
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	10	0.98
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	3	0.98
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	3	0.98
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	6	0.98
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	6	0.98
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	19	0.98
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	19	0.98
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	16	0.98
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	16	0.98
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	19	0.98
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	19	0.98
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	13	0.98
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	13	0.98
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	13	0.98
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	13	0.98
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	9	0.98
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	9	0.98
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	1	0.98
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	1	0.98
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	3	0.98
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	3	0.98
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD2	5	0.98
(1,3289)	1:878:A:LYS:H	1:878:A:LYS:HD3	5	0.98
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	16	0.98
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	16	0.98
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	3	0.98
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	3	0.98
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	13	0.98
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	13	0.98
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	4	0.98
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	4	0.98
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	18	0.98
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	18	0.98
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	18	0.98
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	18	0.98
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	19	0.98
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	19	0.98
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	9	0.98
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	9	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	13	0.98
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	13	0.98
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	5	0.98
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	5	0.98
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	10	0.98
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	10	0.98
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	10	0.98
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	10	0.98
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	12	0.98
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	12	0.98
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	12	0.98
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	12	0.98
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	19	0.98
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	19	0.98
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	19	0.98
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	3	0.98
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	3	0.98
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	1	0.98
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	1	0.98
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	18	0.98
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	18	0.98
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	20	0.98
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	20	0.98
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	9	0.98
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	9	0.98
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	18	0.98
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	18	0.98
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	15	0.98
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	15	0.98
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	18	0.98
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	18	0.98
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	5	0.98
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	5	0.98
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	17	0.98
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	5	0.98
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	18	0.98
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	20	0.98
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	20	0.98
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	12	0.98
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	12	0.98
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	12	0.98
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	16	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	15	0.98
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	15	0.98
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	11	0.98
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	10	0.98
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	15	0.98
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	13	0.98
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	3	0.98
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	4	0.98
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	17	0.98
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	5	0.98
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	14	0.98
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	14	0.98
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	14	0.98
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	17	0.98
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	17	0.98
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	17	0.98
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	6	0.98
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	6	0.98
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	6	0.98
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	13	0.98
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	13	0.98
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	13	0.98
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	15	0.98
(1,2838)	1:873:A:LEU:HD11	1:900:A:LEU:HG	7	0.98
(1,2838)	1:873:A:LEU:HD12	1:900:A:LEU:HG	7	0.98
(1,2838)	1:873:A:LEU:HD13	1:900:A:LEU:HG	7	0.98
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	16	0.98
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	16	0.98
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	16	0.98
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	4	0.98
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	3	0.98
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	3	0.98
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	3	0.98
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	3	0.98
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	17	0.98
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	18	0.98
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	11	0.98
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	11	0.98
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	11	0.98
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	11	0.98
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	10	0.98
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	19	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	19	0.98
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	19	0.98
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	19	0.98
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	19	0.98
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	19	0.98
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	18	0.98
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	18	0.98
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	18	0.98
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	12	0.98
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	12	0.98
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	16	0.98
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	16	0.98
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	6	0.98
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	6	0.98
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	6	0.98
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	18	0.98
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	18	0.98
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	18	0.98
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	14	0.98
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	14	0.98
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	14	0.98
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	9	0.98
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	9	0.98
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	9	0.98
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	20	0.98
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	20	0.98
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	20	0.98
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	18	0.98
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	18	0.98
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	9	0.98
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	7	0.98
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	7	0.98
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	7	0.98
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	20	0.98
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	20	0.98
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	17	0.98
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	17	0.98
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	8	0.98
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	11	0.98
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	11	0.98
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	8	0.98
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	8	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	15	0.98
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	15	0.98
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	7	0.98
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	8	0.98
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	8	0.98
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	8	0.98
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	8	0.98
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	14	0.98
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	14	0.98
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	14	0.98
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	14	0.98
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	16	0.98
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	6	0.98
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	6	0.98
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	19	0.98
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	19	0.98
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	20	0.98
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	20	0.98
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	8	0.98
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	8	0.98
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	4	0.98
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	4	0.98
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	10	0.98
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	10	0.98
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	16	0.98
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	16	0.98
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	4	0.98
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	4	0.98
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	19	0.98
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	19	0.98
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	11	0.98
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	11	0.98
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	7	0.98
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	7	0.98
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	7	0.98
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	7	0.98
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	18	0.98
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	18	0.98
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	18	0.98
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	18	0.98
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	18	0.98
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	18	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	6	0.98
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	6	0.98
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE1	7	0.98
(1,2357)	1:867:A:SER:HA	1:912:A:PHE:HE2	7	0.98
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	3	0.98
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	3	0.98
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	19	0.98
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	19	0.98
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	7	0.98
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	7	0.98
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	20	0.98
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	20	0.98
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	14	0.98
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	14	0.98
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	14	0.98
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	7	0.98
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	7	0.98
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	10	0.98
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	10	0.98
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	10	0.98
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	11	0.98
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	11	0.98
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	11	0.98
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	4	0.98
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	19	0.98
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	8	0.98
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	8	0.98
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	5	0.98
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	5	0.98
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	5	0.98
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	7	0.98
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	7	0.98
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	14	0.98
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	14	0.98
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	8	0.98
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	8	0.98
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	15	0.98
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	15	0.98
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	2	0.98
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	15	0.98
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	10	0.98
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	10	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	10	0.98
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	1	0.98
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	9	0.98
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	10	0.98
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	13	0.98
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	14	0.98
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	11	0.98
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	11	0.98
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	11	0.98
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	7	0.98
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	7	0.98
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	7	0.98
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	8	0.98
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	11	0.98
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	11	0.98
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	2	0.98
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	17	0.98
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	3	0.98
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	5	0.98
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	5	0.98
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	13	0.98
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	13	0.98
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	8	0.98
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	8	0.98
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	11	0.98
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	11	0.98
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	15	0.98
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	19	0.98
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	2	0.98
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	2	0.98
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	2	0.98
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	13	0.98
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	13	0.98
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	13	0.98
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	20	0.98
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	20	0.98
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	15	0.98
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	15	0.98
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	10	0.98
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	10	0.98
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	10	0.98
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	19	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	19	0.98
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	19	0.98
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	8	0.98
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	8	0.98
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	13	0.98
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	13	0.98
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	10	0.98
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	10	0.98
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	10	0.98
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	11	0.98
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	11	0.98
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	11	0.98
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	3	0.98
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	3	0.98
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	3	0.98
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	16	0.98
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	16	0.98
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	16	0.98
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	11	0.98
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	17	0.98
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	11	0.98
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	11	0.98
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	5	0.98
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	4	0.98
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	4	0.98
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	4	0.98
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	4	0.98
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	5	0.98
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	5	0.98
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	5	0.98
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	17	0.98
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	17	0.98
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	17	0.98
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	8	0.98
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	8	0.98
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	8	0.98
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	16	0.98
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	19	0.98
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	15	0.98
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	7	0.98
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	4	0.98
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	4	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	4	0.98
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	20	0.98
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	20	0.98
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	20	0.98
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	2	0.98
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	2	0.98
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	8	0.98
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	11	0.98
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	11	0.98
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	11	0.98
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	19	0.98
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	19	0.98
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	1	0.98
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	1	0.98
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	1	0.98
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	6	0.98
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	12	0.98
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	17	0.98
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	19	0.98
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	11	0.98
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	12	0.98
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	4	0.98
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	12	0.98
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	12	0.98
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	12	0.98
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	14	0.98
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	14	0.98
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	14	0.98
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	16	0.98
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	16	0.98
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	16	0.98
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	11	0.98
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	11	0.98
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	11	0.98
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	19	0.98
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	19	0.98
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	19	0.98
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	16	0.98
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	18	0.98
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	8	0.98
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	8	0.98
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	8	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	9	0.98
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	9	0.98
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	9	0.98
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	18	0.98
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	4	0.98
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	9	0.98
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	9	0.98
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	7	0.98
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	6	0.98
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	6	0.98
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	6	0.98
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	18	0.98
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	18	0.98
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	18	0.98
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	1	0.98
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	1	0.98
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	12	0.98
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	14	0.98
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	1	0.98
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	17	0.98
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	16	0.98
(1,1486)	1:855:A:GLN:HA	1:859:A:ASN:HD21	12	0.98
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	14	0.98
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	12	0.98
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	16	0.98
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	11	0.98
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	17	0.98
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	14	0.98
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	9	0.98
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	11	0.98
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	20	0.98
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	18	0.98
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	18	0.98
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	18	0.98
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	6	0.98
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	1	0.98
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	4	0.98
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	19	0.98
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	18	0.98
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	18	0.98
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	10	0.98
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	1	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	1	0.98
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	7	0.98
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	19	0.98
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	19	0.98
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	17	0.98
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	17	0.98
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	18	0.98
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	18	0.98
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	18	0.98
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	19	0.98
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	19	0.98
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	19	0.98
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB3	19	0.98
(1,1309)	1:842:A:SER:H	1:842:A:SER:HB2	19	0.98
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	14	0.98
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	2	0.98
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	10	0.98
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	2	0.98
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	6	0.98
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	8	0.98
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	9	0.98
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	13	0.98
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	17	0.98
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	19	0.98
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	2	0.98
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	18	0.98
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	15	0.98
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	15	0.98
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	15	0.98
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	3	0.98
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	3	0.98
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	3	0.98
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	9	0.98
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	9	0.98
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	9	0.98
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	15	0.98
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	15	0.98
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	15	0.98
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	10	0.98
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	6	0.98
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	6	0.98
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	6	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	4	0.98
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	4	0.98
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	4	0.98
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	2	0.98
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	2	0.98
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	5	0.98
(1,1218)	1:831:A:ILE:H	1:831:A:ILE:HG12	10	0.98
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	2	0.98
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	9	0.98
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	11	0.98
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	5	0.98
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	5	0.98
(1,1194)	1:828:A:LEU:HB3	1:829:A:LEU:H	15	0.98
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	10	0.98
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	10	0.98
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	10	0.98
(1,1189)	1:828:A:LEU:HD11	1:829:A:LEU:H	15	0.98
(1,1189)	1:828:A:LEU:HD12	1:829:A:LEU:H	15	0.98
(1,1189)	1:828:A:LEU:HD13	1:829:A:LEU:H	15	0.98
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	18	0.98
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	2	0.98
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	2	0.98
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	2	0.98
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	12	0.98
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	13	0.98
(1,1122)	1:921:A:LYS:HD2	1:924:A:TYR:H	15	0.98
(1,1122)	1:921:A:LYS:HD3	1:924:A:TYR:H	15	0.98
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	6	0.98
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	6	0.98
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	6	0.98
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	19	0.98
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	1	0.98
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	8	0.98
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	3	0.98
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	3	0.98
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	3	0.98
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	1	0.98
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	1	0.98
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	1	0.98
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	13	0.98
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	2	0.98
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	8	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	8	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	4	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	4	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	4	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	8	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	8	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	8	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	15	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	15	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	15	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	20	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	20	0.98
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	20	0.98
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	12	0.98
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	4	0.98
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	10	0.98
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	1	0.98
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	1	0.98
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	1	0.98
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	11	0.98
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	11	0.98
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	11	0.98
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	4	0.98
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	4	0.98
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	4	0.98
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	14	0.98
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	5	0.98
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	5	0.98
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	5	0.98
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	8	0.98
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	8	0.98
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	19	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	5	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	5	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	5	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	8	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	8	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	8	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	11	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	11	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	11	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	12	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	12	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	12	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	13	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	13	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	13	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	18	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	18	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	18	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	20	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	20	0.98
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	20	0.98
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	13	0.98
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	13	0.98
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	13	0.98
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	17	0.98
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	17	0.98
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	17	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	1	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	1	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	1	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	4	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	4	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	4	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	5	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	5	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	5	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD21	15	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD22	15	0.98
(1,838)	1:876:A:LEU:HA	1:876:A:LEU:HD23	15	0.98
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	10	0.98
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	10	0.98
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	10	0.98
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	8	0.98
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	8	0.98
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	7	0.98
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	8	0.98
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	8	0.98
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	16	0.98
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	16	0.98
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	16	0.98
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	2	0.98
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	2	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	2	0.98
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	2	0.98
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	2	0.98
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	15	0.98
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	15	0.98
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	15	0.98
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	19	0.98
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	19	0.98
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	19	0.98
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	1	0.98
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	1	0.98
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	1	0.98
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	20	0.98
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	11	0.98
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	11	0.98
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	8	0.98
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	11	0.98
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	16	0.98
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	19	0.98
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	1	0.98
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	1	0.98
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	5	0.98
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	5	0.98
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	5	0.98
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	5	0.98
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	5	0.98
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	5	0.98
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	14	0.98
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	14	0.98
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	14	0.98
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	18	0.98
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	18	0.98
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	18	0.98
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	8	0.98
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	8	0.98
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	8	0.98
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	10	0.98
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	10	0.98
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	10	0.98
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	15	0.98
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	15	0.98
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	15	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	1	0.98
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	1	0.98
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	1	0.98
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	15	0.98
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	15	0.98
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	15	0.98
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	4	0.98
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	4	0.98
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	4	0.98
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	20	0.98
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	20	0.98
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	20	0.98
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	11	0.98
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	11	0.98
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	11	0.98
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	11	0.98
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	11	0.98
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	11	0.98
(1,561)	1:886:A:LEU:HD12	1:887:A:THR:H	6	0.98
(1,561)	1:886:A:LEU:HD13	1:887:A:THR:H	6	0.98
(1,561)	1:886:A:LEU:HD11	1:887:A:THR:H	6	0.98
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	20	0.98
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	20	0.98
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	15	0.98
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	15	0.98
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	15	0.98
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	9	0.98
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	9	0.98
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	9	0.98
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	17	0.98
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	17	0.98
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	17	0.98
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	19	0.98
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	19	0.98
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	19	0.98
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	6	0.98
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	10	0.98
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	14	0.98
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	17	0.98
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	17	0.98
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	12	0.98
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	5	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	7	0.98
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	11	0.98
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	11	0.98
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	11	0.98
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	12	0.98
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	12	0.98
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	12	0.98
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	9	0.98
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	9	0.98
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	9	0.98
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	10	0.98
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	10	0.98
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	10	0.98
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	19	0.98
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	19	0.98
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	19	0.98
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	3	0.98
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD3	4	0.98
(1,411)	1:864:A:LYS:HB2	1:864:A:LYS:HD2	4	0.98
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	1	0.98
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	1	0.98
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	1	0.98
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	20	0.98
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	20	0.98
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	20	0.98
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	15	0.98
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	15	0.98
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	15	0.98
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	5	0.98
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	5	0.98
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	5	0.98
(1,339)	1:854:A:ILE:HD11	1:855:A:GLN:HE22	12	0.98
(1,339)	1:854:A:ILE:HD12	1:855:A:GLN:HE22	12	0.98
(1,339)	1:854:A:ILE:HD13	1:855:A:GLN:HE22	12	0.98
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	11	0.98
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	11	0.98
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	11	0.98
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	8	0.98
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	8	0.98
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	8	0.98
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	12	0.98
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	12	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	12	0.98
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	9	0.98
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	9	0.98
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	9	0.98
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	12	0.98
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	12	0.98
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	12	0.98
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	16	0.98
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	16	0.98
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	16	0.98
(1,257)	1:839:A:MET:HE1	1:840:A:PHE:H	13	0.98
(1,257)	1:839:A:MET:HE2	1:840:A:PHE:H	13	0.98
(1,257)	1:839:A:MET:HE3	1:840:A:PHE:H	13	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	7	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	7	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	7	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	12	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	12	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	12	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	17	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	17	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	17	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	18	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	18	0.98
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	18	0.98
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	15	0.98
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	15	0.98
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	15	0.98
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	8	0.98
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	5	0.98
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	5	0.98
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	5	0.98
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	13	0.98
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	13	0.98
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	13	0.98
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	7	0.98
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	10	0.98
(1,162)	1:826:A:ALA:HA	1:829:A:LEU:H	8	0.98
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	5	0.98
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	6	0.98
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	7	0.98
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	7	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	7	0.98
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	18	0.98
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	18	0.98
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	18	0.98
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	18	0.98
(1,137)	1:819:A:ARG:HB3	1:821:A:ASP:HB2	4	0.98
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	1	0.98
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	1	0.98
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	11	0.98
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	11	0.98
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	19	0.98
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	19	0.98
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	19	0.98
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	19	0.98
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	19	0.98
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	19	0.98
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	13	0.98
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	13	0.98
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	3	0.98
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	3	0.98
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	3	0.98
(1,108)	1:815:A:ALA:HB1	1:816:A:LEU:H	18	0.98
(1,108)	1:815:A:ALA:HB2	1:816:A:LEU:H	18	0.98
(1,108)	1:815:A:ALA:HB3	1:816:A:LEU:H	18	0.98
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	6	0.98
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	1	0.98
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	1	0.98
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	1	0.98
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	2	0.98
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	2	0.98
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	2	0.98
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	13	0.98
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	13	0.98
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	13	0.98
(1,78)	1:813:A:ILE:HA	1:816:A:LEU:HB2	14	0.98
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	1	0.98
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	1	0.98
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	1	0.98
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	19	0.98
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	11	0.98
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	11	0.98
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	11	0.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	7	0.98
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	7	0.98
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	7	0.98
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	7	0.97
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	7	0.97
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	16	0.97
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	16	0.97
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	5	0.97
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	5	0.97
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	4	0.97
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	4	0.97
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	20	0.97
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	20	0.97
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	13	0.97
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	13	0.97
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	16	0.97
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	16	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	3	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	3	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	8	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	8	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	10	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	10	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	13	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	13	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	15	0.97
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	15	0.97
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	13	0.97
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	13	0.97
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	3	0.97
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	3	0.97
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	11	0.97
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	11	0.97
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	17	0.97
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	17	0.97
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	19	0.97
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	19	0.97
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	12	0.97
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	12	0.97
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	18	0.97
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	18	0.97
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	8	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	8	0.97
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	17	0.97
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	17	0.97
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	17	0.97
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	17	0.97
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	10	0.97
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	10	0.97
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	5	0.97
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	5	0.97
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	6	0.97
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	6	0.97
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	15	0.97
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	15	0.97
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	11	0.97
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	11	0.97
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	12	0.97
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	12	0.97
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	13	0.97
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	13	0.97
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	1	0.97
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	1	0.97
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG2	14	0.97
(1,3155)	1:844:A:LYS:H	1:844:A:LYS:HG3	14	0.97
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	14	0.97
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	14	0.97
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	13	0.97
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	13	0.97
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	13	0.97
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	7	0.97
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	7	0.97
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	4	0.97
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	4	0.97
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	4	0.97
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	4	0.97
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	8	0.97
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	8	0.97
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	17	0.97
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	17	0.97
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	4	0.97
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	4	0.97
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	4	0.97
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	4	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	4	0.97
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	4	0.97
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	4	0.97
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	4	0.97
(1,3046)	1:803:A:PRO:HD2	1:831:A:ILE:HG13	9	0.97
(1,3046)	1:803:A:PRO:HD3	1:831:A:ILE:HG13	9	0.97
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	15	0.97
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	15	0.97
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	11	0.97
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	11	0.97
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	7	0.97
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	11	0.97
(1,2995)	1:829:A:LEU:H	1:830:A:ALA:H	18	0.97
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	15	0.97
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	15	0.97
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	15	0.97
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	13	0.97
(1,2969)	1:904:A:LEU:H	1:904:A:LEU:HB2	7	0.97
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	11	0.97
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	11	0.97
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	13	0.97
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	15	0.97
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	1	0.97
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	11	0.97
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	3	0.97
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	3	0.97
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	3	0.97
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	3	0.97
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	8	0.97
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	8	0.97
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	8	0.97
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	14	0.97
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	14	0.97
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	14	0.97
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	14	0.97
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	14	0.97
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	14	0.97
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	5	0.97
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	9	0.97
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	9	0.97
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	2	0.97
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	2	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	2	0.97
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	13	0.97
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	13	0.97
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	13	0.97
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	13	0.97
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	13	0.97
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	13	0.97
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	11	0.97
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	11	0.97
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	11	0.97
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	3	0.97
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	12	0.97
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	10	0.97
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	20	0.97
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	20	0.97
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	20	0.97
(1,2754)	1:897:A:ILE:HA	1:897:A:ILE:HG12	10	0.97
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	20	0.97
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	11	0.97
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	16	0.97
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	6	0.97
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	6	0.97
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	6	0.97
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	6	0.97
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	6	0.97
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	6	0.97
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG21	18	0.97
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG22	18	0.97
(1,2687)	1:862:A:ILE:H	1:869:A:VAL:HG23	18	0.97
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	5	0.97
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	5	0.97
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	15	0.97
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	15	0.97
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	15	0.97
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	15	0.97
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	12	0.97
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	12	0.97
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	4	0.97
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	20	0.97
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	20	0.97
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	18	0.97
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	18	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	18	0.97
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	18	0.97
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	18	0.97
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	18	0.97
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	1	0.97
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	1	0.97
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	1	0.97
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	10	0.97
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	10	0.97
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	10	0.97
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	7	0.97
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	7	0.97
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	7	0.97
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	1	0.97
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	1	0.97
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	1	0.97
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	1	0.97
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	1	0.97
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	1	0.97
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	8	0.97
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	8	0.97
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	8	0.97
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	8	0.97
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	8	0.97
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	8	0.97
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	17	0.97
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	17	0.97
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	6	0.97
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	6	0.97
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	8	0.97
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	8	0.97
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	7	0.97
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	7	0.97
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	7	0.97
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	9	0.97
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	9	0.97
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	9	0.97
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	11	0.97
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	11	0.97
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	4	0.97
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	4	0.97
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	16	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	12	0.97
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	12	0.97
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	9	0.97
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	9	0.97
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	1	0.97
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	1	0.97
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	3	0.97
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	18	0.97
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	5	0.97
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	5	0.97
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	13	0.97
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	8	0.97
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	8	0.97
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	5	0.97
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	5	0.97
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	12	0.97
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	12	0.97
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	19	0.97
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	19	0.97
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	3	0.97
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	3	0.97
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	10	0.97
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	10	0.97
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	17	0.97
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	17	0.97
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	17	0.97
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	17	0.97
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	17	0.97
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	17	0.97
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	5	0.97
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	5	0.97
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	5	0.97
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	5	0.97
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	5	0.97
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	5	0.97
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	9	0.97
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	9	0.97
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	4	0.97
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	4	0.97
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	4	0.97
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	4	0.97
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	4	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	4	0.97
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	13	0.97
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	13	0.97
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE1	13	0.97
(1,2264)	1:901:A:PHE:HZ	1:924:A:TYR:HE2	13	0.97
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	9	0.97
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	2	0.97
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	14	0.97
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	14	0.97
(1,2230)	1:886:A:LEU:HD21	1:926:A:LEU:H	15	0.97
(1,2230)	1:886:A:LEU:HD22	1:926:A:LEU:H	15	0.97
(1,2230)	1:886:A:LEU:HD23	1:926:A:LEU:H	15	0.97
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	19	0.97
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG2	6	0.97
(1,2213)	1:925:A:GLU:H	1:925:A:GLU:HG3	6	0.97
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	4	0.97
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	4	0.97
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	4	0.97
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	8	0.97
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	9	0.97
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	1	0.97
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	1	0.97
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	15	0.97
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	15	0.97
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	20	0.97
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	20	0.97
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	6	0.97
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	7	0.97
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	18	0.97
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	18	0.97
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	18	0.97
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	10	0.97
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	10	0.97
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	13	0.97
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	3	0.97
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	8	0.97
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	19	0.97
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	20	0.97
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	20	0.97
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	20	0.97
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	12	0.97
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	12	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	9	0.97
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	6	0.97
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	6	0.97
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	6	0.97
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	13	0.97
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	2	0.97
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	2	0.97
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	20	0.97
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	8	0.97
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	13	0.97
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	5	0.97
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	5	0.97
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	5	0.97
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	3	0.97
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	3	0.97
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	3	0.97
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	19	0.97
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	19	0.97
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	19	0.97
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	5	0.97
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	5	0.97
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	2	0.97
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	2	0.97
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	1	0.97
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	1	0.97
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	3	0.97
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	3	0.97
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	7	0.97
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	18	0.97
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	18	0.97
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	18	0.97
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	14	0.97
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	14	0.97
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	18	0.97
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	18	0.97
(1,1869)	1:889:A:ILE:HG12	1:894:A:LYS:H	14	0.97
(1,1869)	1:889:A:ILE:HG13	1:894:A:LYS:H	14	0.97
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	2	0.97
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	3	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	1	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	1	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	1	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	10	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	10	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	10	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	12	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	12	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	12	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	14	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	14	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	14	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	16	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	16	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	16	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	18	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	18	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	18	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	19	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	19	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	19	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	20	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	20	0.97
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	20	0.97
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	16	0.97
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	16	0.97
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	16	0.97
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	7	0.97
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	7	0.97
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	7	0.97
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	15	0.97
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	15	0.97
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	15	0.97
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	4	0.97
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	5	0.97
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	3	0.97
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	14	0.97
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	16	0.97
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	16	0.97
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	16	0.97
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	12	0.97
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	4	0.97
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	4	0.97
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	5	0.97
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	5	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	11	0.97
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	11	0.97
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	15	0.97
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD1	6	0.97
(1,1725)	1:879:A:ALA:H	1:882:A:PHE:HD2	6	0.97
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	11	0.97
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	9	0.97
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	7	0.97
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	17	0.97
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	12	0.97
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	12	0.97
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	12	0.97
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	17	0.97
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	17	0.97
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	17	0.97
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	2	0.97
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	7	0.97
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	11	0.97
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	19	0.97
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	7	0.97
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	7	0.97
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	9	0.97
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	9	0.97
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	3	0.97
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	7	0.97
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	4	0.97
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	18	0.97
(1,1635)	1:873:A:LEU:HD22	1:874:A:LEU:H	10	0.97
(1,1635)	1:873:A:LEU:HD23	1:874:A:LEU:H	10	0.97
(1,1635)	1:873:A:LEU:HD21	1:874:A:LEU:H	10	0.97
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	14	0.97
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	8	0.97
(1,1626)	1:873:A:LEU:H	1:873:A:LEU:HG	16	0.97
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	10	0.97
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	10	0.97
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	10	0.97
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	4	0.97
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	6	0.97
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	9	0.97
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	13	0.97
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	14	0.97
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	10	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	14	0.97
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	4	0.97
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	18	0.97
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	8	0.97
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	11	0.97
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	20	0.97
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	20	0.97
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	6	0.97
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	4	0.97
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	15	0.97
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	16	0.97
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	20	0.97
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	16	0.97
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	17	0.97
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	14	0.97
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	5	0.97
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	5	0.97
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	10	0.97
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	5	0.97
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	9	0.97
(1,1368)	1:850:A:PHE:H	1:850:A:PHE:HB2	11	0.97
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	9	0.97
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	13	0.97
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	13	0.97
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	19	0.97
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	19	0.97
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	1	0.97
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	1	0.97
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	1	0.97
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	2	0.97
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	2	0.97
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	2	0.97
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	3	0.97
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	3	0.97
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	3	0.97
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	7	0.97
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	7	0.97
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	7	0.97
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	10	0.97
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	10	0.97
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	10	0.97
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	15	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	15	0.97
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	15	0.97
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	8	0.97
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	12	0.97
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	12	0.97
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	12	0.97
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	9	0.97
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	1	0.97
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	3	0.97
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	4	0.97
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	12	0.97
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	15	0.97
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	7	0.97
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	11	0.97
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	19	0.97
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	19	0.97
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	8	0.97
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	8	0.97
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	8	0.97
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	14	0.97
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	18	0.97
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	16	0.97
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	16	0.97
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	16	0.97
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	6	0.97
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	17	0.97
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	18	0.97
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	15	0.97
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	15	0.97
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	20	0.97
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	8	0.97
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	8	0.97
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	8	0.97
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	12	0.97
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	12	0.97
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	12	0.97
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD21	16	0.97
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD22	16	0.97
(1,1187)	1:828:A:LEU:H	1:829:A:LEU:HD23	16	0.97
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	19	0.97
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	10	0.97
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	1	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	14	0.97
(1,1099)	1:816:A:LEU:HA	1:819:A:ARG:H	4	0.97
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	12	0.97
(1,1083)	1:815:A:ALA:HB1	1:818:A:THR:H	4	0.97
(1,1083)	1:815:A:ALA:HB2	1:818:A:THR:H	4	0.97
(1,1083)	1:815:A:ALA:HB3	1:818:A:THR:H	4	0.97
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	4	0.97
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	4	0.97
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	4	0.97
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	8	0.97
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	18	0.97
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	10	0.97
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	10	0.97
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	10	0.97
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	18	0.97
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	18	0.97
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	18	0.97
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	3	0.97
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	12	0.97
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	15	0.97
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	1	0.97
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	17	0.97
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	9	0.97
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	19	0.97
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	2	0.97
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	2	0.97
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	3	0.97
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	3	0.97
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD11	17	0.97
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD12	17	0.97
(1,999)	1:811:A:GLN:H	1:812:A:ILE:HD13	17	0.97
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	6	0.97
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	5	0.97
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	13	0.97
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	14	0.97
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	19	0.97
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	19	0.97
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	19	0.97
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	2	0.97
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	16	0.97
(1,921)	1:804:A:ASN:H	1:808:A:GLU:HB3	19	0.97
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	8	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	8	0.97
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	8	0.97
(1,904)	1:800:A:ILE:HG22	1:801:A:ALA:H	1	0.97
(1,904)	1:800:A:ILE:HG23	1:801:A:ALA:H	1	0.97
(1,904)	1:800:A:ILE:HG21	1:801:A:ALA:H	1	0.97
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	8	0.97
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	9	0.97
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD11	6	0.97
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD12	6	0.97
(1,867)	1:858:A:LYS:HA	1:900:A:LEU:HD13	6	0.97
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	3	0.97
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	3	0.97
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	3	0.97
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	8	0.97
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	8	0.97
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	8	0.97
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	10	0.97
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	10	0.97
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	10	0.97
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	12	0.97
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	12	0.97
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	12	0.97
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	17	0.97
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	17	0.97
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	17	0.97
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	5	0.97
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	5	0.97
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	5	0.97
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	8	0.97
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	8	0.97
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	8	0.97
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	3	0.97
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	14	0.97
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	14	0.97
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	14	0.97
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	8	0.97
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	8	0.97
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	8	0.97
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	8	0.97
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	8	0.97
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	8	0.97
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	14	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	14	0.97
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	14	0.97
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	5	0.97
(1,706)	1:862:A:ILE:HD11	1:903:A:ASP:HA	5	0.97
(1,706)	1:862:A:ILE:HD12	1:903:A:ASP:HA	5	0.97
(1,706)	1:862:A:ILE:HD13	1:903:A:ASP:HA	5	0.97
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	2	0.97
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	2	0.97
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	19	0.97
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	19	0.97
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	3	0.97
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	5	0.97
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	7	0.97
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	9	0.97
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	18	0.97
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	7	0.97
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	7	0.97
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	7	0.97
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	12	0.97
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	12	0.97
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	12	0.97
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	13	0.97
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	13	0.97
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD22	8	0.97
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD23	8	0.97
(1,623)	1:894:A:LYS:HB2	1:926:A:LEU:HD21	8	0.97
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	8	0.97
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	14	0.97
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	14	0.97
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	14	0.97
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	14	0.97
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	14	0.97
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	14	0.97
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	20	0.97
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	20	0.97
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	20	0.97
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	19	0.97
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	19	0.97
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	19	0.97
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	8	0.97
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	8	0.97
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	8	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	18	0.97
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	18	0.97
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	18	0.97
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	13	0.97
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	13	0.97
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	13	0.97
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	2	0.97
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	2	0.97
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	2	0.97
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	2	0.97
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	2	0.97
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	7	0.97
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	7	0.97
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	14	0.97
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	14	0.97
(1,540)	1:884:A:MET:HG3	1:885:A:MET:H	15	0.97
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	1	0.97
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	19	0.97
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	19	0.97
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	16	0.97
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	17	0.97
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	3	0.97
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	19	0.97
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	19	0.97
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	19	0.97
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	4	0.97
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	1	0.97
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	1	0.97
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	1	0.97
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	18	0.97
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	3	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	1	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	1	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	1	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	2	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	2	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	2	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	5	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	5	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	5	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	7	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	7	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	7	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	10	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	10	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	10	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	20	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	20	0.97
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	20	0.97
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	13	0.97
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	13	0.97
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	13	0.97
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	20	0.97
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	20	0.97
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	20	0.97
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	14	0.97
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	14	0.97
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	14	0.97
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	5	0.97
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	5	0.97
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	5	0.97
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	9	0.97
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	9	0.97
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	9	0.97
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	13	0.97
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	13	0.97
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	13	0.97
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	12	0.97
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	12	0.97
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	8	0.97
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	8	0.97
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	8	0.97
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	17	0.97
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	17	0.97
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	17	0.97
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	15	0.97
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	15	0.97
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	15	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	3	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	3	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	3	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	8	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	8	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	8	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	11	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	11	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	11	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	15	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	15	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	15	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	20	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	20	0.97
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	20	0.97
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	8	0.97
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	8	0.97
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	8	0.97
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	5	0.97
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	2	0.97
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	2	0.97
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	2	0.97
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	5	0.97
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	5	0.97
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	5	0.97
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	19	0.97
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	19	0.97
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	19	0.97
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	6	0.97
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	15	0.97
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	15	0.97
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	15	0.97
(1,203)	1:830:A:ALA:HB1	1:831:A:ILE:H	9	0.97
(1,203)	1:830:A:ALA:HB2	1:831:A:ILE:H	9	0.97
(1,203)	1:830:A:ALA:HB3	1:831:A:ILE:H	9	0.97
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	3	0.97
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	3	0.97
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	3	0.97
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	9	0.97
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	9	0.97
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	9	0.97
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	2	0.97
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	2	0.97
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	2	0.97
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	3	0.97
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	10	0.97
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	4	0.97
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	4	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	15	0.97
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	15	0.97
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	1	0.97
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	1	0.97
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	6	0.97
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	6	0.97
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	16	0.97
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	16	0.97
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	6	0.97
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	19	0.97
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	12	0.97
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	12	0.97
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	15	0.97
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	15	0.97
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	8	0.97
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	8	0.97
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	8	0.97
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB1	11	0.97
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB2	11	0.97
(1,103)	1:814:A:ASN:HB3	1:815:A:ALA:HB3	11	0.97
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	15	0.97
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	15	0.97
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	15	0.97
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	14	0.97
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	14	0.97
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	14	0.97
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	16	0.97
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	16	0.97
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	16	0.97
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	2	0.97
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	4	0.97
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	4	0.97
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	4	0.97
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	9	0.97
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	9	0.97
(1,39)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	9	0.97
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	1	0.97
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	1	0.97
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	1	0.97
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	2	0.97
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	2	0.96
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	2	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	13	0.96
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	13	0.96
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	18	0.96
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	18	0.96
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	15	0.96
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	15	0.96
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	17	0.96
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	17	0.96
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	2	0.96
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	2	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	9	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	9	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	11	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	11	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	12	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	12	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	17	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	17	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	18	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	18	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	20	0.96
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	20	0.96
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	5	0.96
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	5	0.96
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	5	0.96
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	5	0.96
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	5	0.96
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	5	0.96
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	4	0.96
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	4	0.96
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	6	0.96
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	6	0.96
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	20	0.96
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	20	0.96
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	9	0.96
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	9	0.96
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	12	0.96
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	12	0.96
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	7	0.96
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	7	0.96
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	14	0.96
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	14	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	4	0.96
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	4	0.96
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	14	0.96
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	14	0.96
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	16	0.96
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	16	0.96
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	13	0.96
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	13	0.96
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	3	0.96
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	3	0.96
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	10	0.96
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	10	0.96
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	14	0.96
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	14	0.96
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	15	0.96
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	15	0.96
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	20	0.96
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	20	0.96
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	20	0.96
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	20	0.96
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	20	0.96
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	20	0.96
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	8	0.96
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	8	0.96
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	15	0.96
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	15	0.96
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	1	0.96
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	1	0.96
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	16	0.96
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	16	0.96
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	16	0.96
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	16	0.96
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	16	0.96
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	16	0.96
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	7	0.96
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	7	0.96
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	5	0.96
(1,3006)	1:887:A:THR:H	1:888:A:LEU:H	14	0.96
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	3	0.96
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	3	0.96
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	3	0.96
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	18	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	18	0.96
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	18	0.96
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	16	0.96
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	6	0.96
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	6	0.96
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	6	0.96
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	7	0.96
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	7	0.96
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	7	0.96
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	10	0.96
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	10	0.96
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	10	0.96
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	11	0.96
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	11	0.96
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	8	0.96
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	8	0.96
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	8	0.96
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	11	0.96
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	11	0.96
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	11	0.96
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	19	0.96
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	19	0.96
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	19	0.96
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	16	0.96
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	16	0.96
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	16	0.96
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	17	0.96
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	17	0.96
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	17	0.96
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	20	0.96
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	20	0.96
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	20	0.96
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	10	0.96
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	16	0.96
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	2	0.96
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	2	0.96
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	2	0.96
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	4	0.96
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	4	0.96
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	4	0.96
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	6	0.96
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	6	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	6	0.96
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	15	0.96
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	13	0.96
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	13	0.96
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	13	0.96
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	7	0.96
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	7	0.96
(1,2709)	1:898:A:GLU:HA	1:901:A:PHE:HB2	9	0.96
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	2	0.96
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	2	0.96
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	2	0.96
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	13	0.96
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	13	0.96
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	13	0.96
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	13	0.96
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	13	0.96
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	13	0.96
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	7	0.96
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	7	0.96
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	6	0.96
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD22	11	0.96
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD23	11	0.96
(1,2693)	1:926:A:LEU:H	1:926:A:LEU:HD21	11	0.96
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	11	0.96
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	11	0.96
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	11	0.96
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	19	0.96
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	19	0.96
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	19	0.96
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	19	0.96
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	19	0.96
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	19	0.96
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	12	0.96
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	12	0.96
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	12	0.96
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	8	0.96
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	8	0.96
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	8	0.96
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	12	0.96
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	12	0.96
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	12	0.96
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	11	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	11	0.96
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	11	0.96
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	9	0.96
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	9	0.96
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	9	0.96
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	14	0.96
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	14	0.96
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	14	0.96
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	14	0.96
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	14	0.96
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	14	0.96
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	18	0.96
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	18	0.96
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	18	0.96
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	18	0.96
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	18	0.96
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	18	0.96
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	10	0.96
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	10	0.96
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	10	0.96
(1,2580)	1:815:A:ALA:HB1	1:817:A:SER:H	2	0.96
(1,2580)	1:815:A:ALA:HB2	1:817:A:SER:H	2	0.96
(1,2580)	1:815:A:ALA:HB3	1:817:A:SER:H	2	0.96
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	17	0.96
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	17	0.96
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	20	0.96
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	20	0.96
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	20	0.96
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	20	0.96
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	20	0.96
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	12	0.96
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	6	0.96
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	17	0.96
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	17	0.96
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	15	0.96
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	15	0.96
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	19	0.96
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	19	0.96
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	7	0.96
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	7	0.96
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	10	0.96
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	5	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	5	0.96
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	11	0.96
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	11	0.96
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	5	0.96
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	5	0.96
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	15	0.96
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	15	0.96
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	15	0.96
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	15	0.96
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	16	0.96
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	16	0.96
(1,2459)	1:882:A:PHE:HE2	1:883:A:LYS:HA	19	0.96
(1,2459)	1:882:A:PHE:HE1	1:883:A:LYS:HA	19	0.96
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	8	0.96
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE1	17	0.96
(1,2447)	1:874:A:LEU:HA	1:924:A:TYR:HE2	17	0.96
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	5	0.96
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	10	0.96
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	17	0.96
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	5	0.96
(1,2414)	1:923:A:GLN:HA	1:925:A:GLU:H	7	0.96
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	16	0.96
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	16	0.96
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	2	0.96
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	2	0.96
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	18	0.96
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	18	0.96
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	3	0.96
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	3	0.96
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	3	0.96
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	3	0.96
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	3	0.96
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	3	0.96
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	17	0.96
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	17	0.96
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	12	0.96
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	12	0.96
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	12	0.96
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	12	0.96
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	20	0.96
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	20	0.96
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	20	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	20	0.96
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	5	0.96
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	5	0.96
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	5	0.96
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	5	0.96
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	18	0.96
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	18	0.96
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	18	0.96
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	18	0.96
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	9	0.96
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	9	0.96
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	9	0.96
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	9	0.96
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE1	18	0.96
(1,2284)	1:873:A:LEU:HA	1:924:A:TYR:HE2	18	0.96
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	6	0.96
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	9	0.96
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	9	0.96
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	9	0.96
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	2	0.96
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	2	0.96
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	9	0.96
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	3	0.96
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	8	0.96
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	8	0.96
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	19	0.96
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	19	0.96
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	19	0.96
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	3	0.96
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	3	0.96
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	9	0.96
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	9	0.96
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	16	0.96
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	16	0.96
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	12	0.96
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	12	0.96
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	12	0.96
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	4	0.96
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	16	0.96
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	10	0.96
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	10	0.96
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	18	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	1	0.96
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	1	0.96
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	1	0.96
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	19	0.96
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	19	0.96
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	13	0.96
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	13	0.96
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	13	0.96
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	15	0.96
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	15	0.96
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	15	0.96
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	19	0.96
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	19	0.96
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	19	0.96
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	10	0.96
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	10	0.96
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	7	0.96
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	20	0.96
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	20	0.96
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	14	0.96
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	14	0.96
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	9	0.96
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	7	0.96
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	7	0.96
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	7	0.96
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	1	0.96
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	1	0.96
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	1	0.96
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	4	0.96
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	4	0.96
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	4	0.96
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	8	0.96
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	8	0.96
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	8	0.96
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	15	0.96
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	15	0.96
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	15	0.96
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	3	0.96
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	6	0.96
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	9	0.96
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	13	0.96
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	13	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD11	8	0.96
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD12	8	0.96
(1,1955)	1:901:A:PHE:H	1:904:A:LEU:HD13	8	0.96
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	8	0.96
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	8	0.96
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	6	0.96
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	6	0.96
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	6	0.96
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	12	0.96
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	12	0.96
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	12	0.96
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	15	0.96
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	15	0.96
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	15	0.96
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	15	0.96
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	15	0.96
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	14	0.96
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	14	0.96
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	8	0.96
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	12	0.96
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	6	0.96
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	6	0.96
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	6	0.96
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	11	0.96
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	11	0.96
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	11	0.96
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	13	0.96
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	13	0.96
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	13	0.96
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	4	0.96
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	4	0.96
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	4	0.96
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	16	0.96
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	19	0.96
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	20	0.96
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	2	0.96
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	20	0.96
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	12	0.96
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	12	0.96
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	12	0.96
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	13	0.96
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	13	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	20	0.96
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	4	0.96
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	4	0.96
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	15	0.96
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	15	0.96
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	5	0.96
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	5	0.96
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	1	0.96
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	3	0.96
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	8	0.96
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	6	0.96
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	17	0.96
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	20	0.96
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	2	0.96
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	6	0.96
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	7	0.96
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	8	0.96
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	9	0.96
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	10	0.96
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	14	0.96
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	18	0.96
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	19	0.96
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	20	0.96
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	20	0.96
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	20	0.96
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	1	0.96
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	1	0.96
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	1	0.96
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	1	0.96
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	11	0.96
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	16	0.96
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	17	0.96
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	1	0.96
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	2	0.96
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	19	0.96
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	19	0.96
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	1	0.96
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	1	0.96
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	1	0.96
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	10	0.96
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	10	0.96
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	10	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	16	0.96
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	16	0.96
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	16	0.96
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	10	0.96
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	2	0.96
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	5	0.96
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	1	0.96
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	12	0.96
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	14	0.96
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	14	0.96
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	9	0.96
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	9	0.96
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	14	0.96
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	2	0.96
(1,1465)	1:858:A:LYS:H	1:859:A:ASN:H	12	0.96
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	8	0.96
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	18	0.96
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	20	0.96
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	20	0.96
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	3	0.96
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	8	0.96
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	15	0.96
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	17	0.96
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	10	0.96
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	10	0.96
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	10	0.96
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	12	0.96
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	12	0.96
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	12	0.96
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	12	0.96
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	1	0.96
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	11	0.96
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	4	0.96
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	4	0.96
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	4	0.96
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	4	0.96
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	4	0.96
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	4	0.96
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	4	0.96
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	4	0.96
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	5	0.96
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	5	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	5	0.96
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	8	0.96
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	8	0.96
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	8	0.96
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	11	0.96
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	11	0.96
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	11	0.96
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	12	0.96
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	12	0.96
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	12	0.96
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	16	0.96
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	16	0.96
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	16	0.96
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	11	0.96
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	11	0.96
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	11	0.96
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	10	0.96
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	11	0.96
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	15	0.96
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	4	0.96
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	3	0.96
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	3	0.96
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	14	0.96
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	17	0.96
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	17	0.96
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	17	0.96
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	2	0.96
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	15	0.96
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	14	0.96
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	18	0.96
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	19	0.96
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	1	0.96
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	1	0.96
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	1	0.96
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	2	0.96
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	2	0.96
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	2	0.96
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	14	0.96
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	14	0.96
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	14	0.96
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	3	0.96
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	3	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	3	0.96
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	11	0.96
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	11	0.96
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	11	0.96
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	19	0.96
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	19	0.96
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	19	0.96
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	18	0.96
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	11	0.96
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	3	0.96
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	18	0.96
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	6	0.96
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	15	0.96
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	9	0.96
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	9	0.96
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	9	0.96
(1,1144)	1:825:A:CYS:H	1:825:A:CYS:HB2	1	0.96
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	11	0.96
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	12	0.96
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	10	0.96
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	11	0.96
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	14	0.96
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	7	0.96
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	19	0.96
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	6	0.96
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	6	0.96
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	18	0.96
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	18	0.96
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	18	0.96
(1,1116)	1:821:A:ASP:H	1:821:A:ASP:HB2	12	0.96
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	12	0.96
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	20	0.96
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	11	0.96
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	5	0.96
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	7	0.96
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	16	0.96
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	16	0.96
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	16	0.96
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	7	0.96
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	17	0.96
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	12	0.96
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	16	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	1	0.96
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	16	0.96
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	16	0.96
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	2	0.96
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	2	0.96
(1,991)	1:809:A:PHE:H	1:810:A:GLY:H	10	0.96
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	4	0.96
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	4	0.96
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	7	0.96
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	7	0.96
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	9	0.96
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	9	0.96
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	2	0.96
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	2	0.96
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	2	0.96
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	3	0.96
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	3	0.96
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	3	0.96
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	14	0.96
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	14	0.96
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	19	0.96
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	7	0.96
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	17	0.96
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	7	0.96
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	13	0.96
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	13	0.96
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	13	0.96
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	13	0.96
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	9	0.96
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	9	0.96
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	17	0.96
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	17	0.96
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	14	0.96
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	14	0.96
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	2	0.96
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	15	0.96
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	1	0.96
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	1	0.96
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	1	0.96
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	5	0.96
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	5	0.96
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	5	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	9	0.96
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	9	0.96
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	9	0.96
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	11	0.96
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	11	0.96
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	11	0.96
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	13	0.96
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	13	0.96
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	13	0.96
(1,861)	1:852:A:LEU:HD21	1:853:A:LEU:H	18	0.96
(1,861)	1:852:A:LEU:HD22	1:853:A:LEU:H	18	0.96
(1,861)	1:852:A:LEU:HD23	1:853:A:LEU:H	18	0.96
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	16	0.96
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	16	0.96
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	16	0.96
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	5	0.96
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	5	0.96
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	5	0.96
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	18	0.96
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	18	0.96
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	18	0.96
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	4	0.96
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	4	0.96
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	4	0.96
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	9	0.96
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	9	0.96
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	9	0.96
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	12	0.96
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	12	0.96
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	12	0.96
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	11	0.96
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	12	0.96
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	12	0.96
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	20	0.96
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	20	0.96
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	20	0.96
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	7	0.96
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	7	0.96
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	7	0.96
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	1	0.96
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	1	0.96
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	1	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	3	0.96
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	3	0.96
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	3	0.96
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	2	0.96
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	4	0.96
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	1	0.96
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	1	0.96
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	1	0.96
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG22	18	0.96
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG23	18	0.96
(1,579)	1:887:A:THR:HA	1:887:A:THR:HG21	18	0.96
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	4	0.96
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	4	0.96
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	6	0.96
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	6	0.96
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	18	0.96
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	18	0.96
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	5	0.96
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	5	0.96
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	5	0.96
(1,540)	1:884:A:MET:HG3	1:885:A:MET:H	18	0.96
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	16	0.96
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	16	0.96
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	16	0.96
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	2	0.96
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	2	0.96
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	16	0.96
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	16	0.96
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	13	0.96
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	11	0.96
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	20	0.96
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	6	0.96
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	8	0.96
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	1	0.96
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	1	0.96
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	1	0.96
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	8	0.96
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	8	0.96
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	8	0.96
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	8	0.96
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	18	0.96
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	18	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	18	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	3	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	3	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	3	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	8	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	8	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	8	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	9	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	9	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	9	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	17	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	17	0.96
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	17	0.96
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	9	0.96
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	10	0.96
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	10	0.96
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	10	0.96
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	1	0.96
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	1	0.96
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	1	0.96
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	4	0.96
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	4	0.96
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	4	0.96
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	18	0.96
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	18	0.96
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	18	0.96
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	19	0.96
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	19	0.96
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	19	0.96
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	15	0.96
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	15	0.96
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	15	0.96
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	20	0.96
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	20	0.96
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	20	0.96
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	2	0.96
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	2	0.96
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	9	0.96
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	9	0.96
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	9	0.96
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	19	0.96
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	19	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	19	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	5	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	5	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	5	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	10	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	10	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	10	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	16	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	16	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	16	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	18	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	18	0.96
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	18	0.96
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	11	0.96
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	8	0.96
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	14	0.96
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	15	0.96
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	16	0.96
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	11	0.96
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	4	0.96
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	4	0.96
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	15	0.96
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	15	0.96
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	17	0.96
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	17	0.96
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	1	0.96
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	1	0.96
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	1	0.96
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	8	0.96
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	8	0.96
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	8	0.96
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	18	0.96
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	18	0.96
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	18	0.96
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	13	0.96
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	10	0.96
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	10	0.96
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	10	0.96
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	11	0.96
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	11	0.96
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	11	0.96
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	2	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	9	0.96
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	9	0.96
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	9	0.96
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	11	0.96
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	11	0.96
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	11	0.96
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	18	0.96
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	18	0.96
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	18	0.96
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	7	0.96
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	7	0.96
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	7	0.96
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	7	0.96
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	7	0.96
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	7	0.96
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	12	0.96
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	11	0.96
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	17	0.96
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	5	0.96
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	5	0.96
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	5	0.96
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	10	0.96
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	10	0.96
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	1	0.96
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	7	0.96
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	7	0.96
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	8	0.96
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	8	0.96
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	2	0.96
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	18	0.96
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	13	0.96
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	13	0.96
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	13	0.96
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	11	0.96
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	11	0.96
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	11	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	11	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	11	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	11	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	15	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	15	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	15	0.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	17	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	17	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	17	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	19	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	19	0.96
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	19	0.96
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	20	0.96
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	20	0.96
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	20	0.96
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	15	0.96
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	15	0.96
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	15	0.96
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	8	0.95
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	8	0.95
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	17	0.95
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	17	0.95
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	20	0.95
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	20	0.95
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	1	0.95
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	1	0.95
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB2	4	0.95
(1,3315)	1:885:A:MET:H	1:885:A:MET:HB3	4	0.95
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	11	0.95
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	11	0.95
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	11	0.95
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	11	0.95
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	11	0.95
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	11	0.95
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	1	0.95
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	1	0.95
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	5	0.95
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	5	0.95
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	5	0.95
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	5	0.95
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	3	0.95
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	3	0.95
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	20	0.95
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	20	0.95
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	20	0.95
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	20	0.95
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	10	0.95
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	10	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	16	0.95
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	16	0.95
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	7	0.95
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	7	0.95
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	4	0.95
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	4	0.95
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	19	0.95
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	19	0.95
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	1	0.95
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	1	0.95
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	4	0.95
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	4	0.95
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	13	0.95
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	13	0.95
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	14	0.95
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	14	0.95
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	15	0.95
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	15	0.95
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	2	0.95
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	2	0.95
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	13	0.95
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	13	0.95
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG2	19	0.95
(1,3141)	1:839:A:MET:H	1:839:A:MET:HG3	19	0.95
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	16	0.95
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	16	0.95
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	16	0.95
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	16	0.95
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	11	0.95
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	11	0.95
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	6	0.95
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	6	0.95
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	12	0.95
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	12	0.95
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	15	0.95
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	15	0.95
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	1	0.95
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	1	0.95
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	12	0.95
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	12	0.95
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	17	0.95
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	17	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	13	0.95
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	15	0.95
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	13	0.95
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	13	0.95
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	13	0.95
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	5	0.95
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	16	0.95
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	16	0.95
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	7	0.95
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	19	0.95
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	5	0.95
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	5	0.95
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	5	0.95
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	13	0.95
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	13	0.95
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	13	0.95
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	10	0.95
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	10	0.95
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	10	0.95
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	3	0.95
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	3	0.95
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD12	3	0.95
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD13	3	0.95
(1,2900)	1:822:A:LYS:H	1:852:A:LEU:HD11	3	0.95
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	1	0.95
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	1	0.95
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	1	0.95
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	6	0.95
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	6	0.95
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	6	0.95
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	7	0.95
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	7	0.95
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	7	0.95
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	10	0.95
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	10	0.95
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	10	0.95
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	12	0.95
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	12	0.95
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	12	0.95
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	16	0.95
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	16	0.95
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	16	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	5	0.95
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	5	0.95
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	5	0.95
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	6	0.95
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	6	0.95
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	6	0.95
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	14	0.95
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	14	0.95
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	14	0.95
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	16	0.95
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	16	0.95
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	16	0.95
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	16	0.95
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	16	0.95
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	2	0.95
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	2	0.95
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	12	0.95
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD22	4	0.95
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD23	4	0.95
(1,2704)	1:809:A:PHE:HD2	1:841:A:LEU:HD21	4	0.95
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD22	4	0.95
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD23	4	0.95
(1,2704)	1:809:A:PHE:HD1	1:841:A:LEU:HD21	4	0.95
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	14	0.95
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	5	0.95
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	5	0.95
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	5	0.95
(1,2660)	1:870:A:TYR:HE2	1:917:A:ILE:H	18	0.95
(1,2660)	1:870:A:TYR:HE1	1:917:A:ILE:H	18	0.95
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	4	0.95
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	4	0.95
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	4	0.95
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	4	0.95
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	4	0.95
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	4	0.95
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	12	0.95
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	12	0.95
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	12	0.95
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	12	0.95
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	12	0.95
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	12	0.95
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	9	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	9	0.95
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	17	0.95
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	17	0.95
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	17	0.95
(1,2627)	1:854:A:ILE:HG21	1:900:A:LEU:H	5	0.95
(1,2627)	1:854:A:ILE:HG22	1:900:A:LEU:H	5	0.95
(1,2627)	1:854:A:ILE:HG23	1:900:A:LEU:H	5	0.95
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	3	0.95
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	3	0.95
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	3	0.95
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	1	0.95
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	1	0.95
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	1	0.95
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	4	0.95
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	4	0.95
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	4	0.95
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	12	0.95
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	12	0.95
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	12	0.95
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	11	0.95
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	11	0.95
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	11	0.95
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	19	0.95
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	19	0.95
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	19	0.95
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	9	0.95
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	7	0.95
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	15	0.95
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	10	0.95
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	10	0.95
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	19	0.95
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	9	0.95
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	16	0.95
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	16	0.95
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	5	0.95
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	5	0.95
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	14	0.95
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	14	0.95
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	17	0.95
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	17	0.95
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	4	0.95
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	18	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	14	0.95
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	13	0.95
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	10	0.95
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	10	0.95
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	16	0.95
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	16	0.95
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	9	0.95
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	20	0.95
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	14	0.95
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	14	0.95
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	3	0.95
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	10	0.95
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	10	0.95
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	2	0.95
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	2	0.95
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	6	0.95
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	6	0.95
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	14	0.95
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	14	0.95
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	9	0.95
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	9	0.95
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	9	0.95
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	9	0.95
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	9	0.95
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	9	0.95
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	8	0.95
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	8	0.95
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	15	0.95
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	15	0.95
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	15	0.95
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	15	0.95
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	9	0.95
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	9	0.95
(1,2215)	1:924:A:TYR:HB2	1:925:A:GLU:H	14	0.95
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	2	0.95
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	2	0.95
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	2	0.95
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	1	0.95
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	1	0.95
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	1	0.95
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	18	0.95
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	18	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	18	0.95
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	2	0.95
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	2	0.95
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	2	0.95
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	17	0.95
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	1	0.95
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	6	0.95
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	5	0.95
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	5	0.95
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	5	0.95
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	1	0.95
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	1	0.95
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	10	0.95
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	12	0.95
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	9	0.95
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	9	0.95
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	9	0.95
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	4	0.95
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	4	0.95
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	4	0.95
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	12	0.95
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	12	0.95
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	12	0.95
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	8	0.95
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	8	0.95
(1,2036)	1:911:A:HIS:HB2	1:912:A:PHE:H	10	0.95
(1,2036)	1:911:A:HIS:HB3	1:912:A:PHE:H	10	0.95
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	6	0.95
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	6	0.95
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	6	0.95
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	14	0.95
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	14	0.95
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	13	0.95
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	13	0.95
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	17	0.95
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	17	0.95
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	18	0.95
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	18	0.95
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	20	0.95
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	20	0.95
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	2	0.95
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	3	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	3	0.95
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	3	0.95
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	6	0.95
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	6	0.95
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	6	0.95
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	9	0.95
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	9	0.95
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	9	0.95
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	11	0.95
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	11	0.95
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	11	0.95
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	17	0.95
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	17	0.95
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	17	0.95
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	18	0.95
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	18	0.95
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	18	0.95
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	19	0.95
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	19	0.95
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	19	0.95
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	20	0.95
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	20	0.95
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	20	0.95
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	12	0.95
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	12	0.95
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	10	0.95
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	10	0.95
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	10	0.95
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	11	0.95
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	11	0.95
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	11	0.95
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	7	0.95
(1,1960)	1:901:A:PHE:HB2	1:902:A:GLU:H	12	0.95
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	15	0.95
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	15	0.95
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	1	0.95
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	1	0.95
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	7	0.95
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	7	0.95
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	16	0.95
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	16	0.95
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	8	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	8	0.95
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	16	0.95
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	16	0.95
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	18	0.95
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	18	0.95
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	18	0.95
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	19	0.95
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	19	0.95
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	3	0.95
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	3	0.95
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	3	0.95
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	1	0.95
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	1	0.95
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	3	0.95
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	3	0.95
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	3	0.95
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG21	9	0.95
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG22	9	0.95
(1,1824)	1:889:A:ILE:H	1:889:A:ILE:HG23	9	0.95
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	12	0.95
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	12	0.95
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	12	0.95
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	19	0.95
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	19	0.95
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	19	0.95
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	6	0.95
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	11	0.95
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	16	0.95
(1,1780)	1:845:A:LEU:HD11	1:885:A:MET:H	6	0.95
(1,1780)	1:845:A:LEU:HD12	1:885:A:MET:H	6	0.95
(1,1780)	1:845:A:LEU:HD13	1:885:A:MET:H	6	0.95
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	8	0.95
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	7	0.95
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	7	0.95
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	11	0.95
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	14	0.95
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	12	0.95
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	1	0.95
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	1	0.95
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	1	0.95
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	2	0.95
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	2	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	2	0.95
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	4	0.95
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	4	0.95
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	4	0.95
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	14	0.95
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	14	0.95
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	14	0.95
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	18	0.95
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	18	0.95
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	18	0.95
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	19	0.95
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	19	0.95
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	19	0.95
(1,1701)	1:877:A:SER:HB3	1:878:A:LYS:H	5	0.95
(1,1701)	1:877:A:SER:HB2	1:878:A:LYS:H	5	0.95
(1,1696)	1:877:A:SER:H	1:924:A:TYR:HH	5	0.95
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	11	0.95
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	11	0.95
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	12	0.95
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	12	0.95
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	1	0.95
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	2	0.95
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	5	0.95
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	10	0.95
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	5	0.95
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	17	0.95
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	20	0.95
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	9	0.95
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	11	0.95
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	13	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	1	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	1	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	1	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	3	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	3	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	3	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	5	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	5	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	5	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	6	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	6	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	6	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	9	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	9	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	9	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	12	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	12	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	12	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	13	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	13	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	13	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	16	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	16	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	16	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	17	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	17	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	17	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	18	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	18	0.95
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	18	0.95
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	10	0.95
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	10	0.95
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	10	0.95
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	19	0.95
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	19	0.95
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	19	0.95
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	3	0.95
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	10	0.95
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	12	0.95
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	15	0.95
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	19	0.95
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	7	0.95
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	9	0.95
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	11	0.95
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	19	0.95
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	2	0.95
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	2	0.95
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	7	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	11	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	11	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	11	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	12	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	12	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	12	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	15	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	15	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	15	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	20	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	20	0.95
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	20	0.95
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	3	0.95
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	3	0.95
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	3	0.95
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	5	0.95
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	5	0.95
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	5	0.95
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	9	0.95
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	9	0.95
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	9	0.95
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	5	0.95
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	5	0.95
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	20	0.95
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	12	0.95
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	4	0.95
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	14	0.95
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	2	0.95
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	18	0.95
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	7	0.95
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	16	0.95
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	8	0.95
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	3	0.95
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	7	0.95
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	7	0.95
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	8	0.95
(1,1429)	1:854:A:ILE:HB	1:855:A:GLN:H	18	0.95
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	13	0.95
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	13	0.95
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	13	0.95
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	16	0.95
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	16	0.95
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	16	0.95
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	5	0.95
(1,1411)	1:854:A:ILE:H	1:855:A:GLN:H	6	0.95
(1,1404)	1:901:A:PHE:HD2	1:904:A:LEU:H	2	0.95
(1,1404)	1:901:A:PHE:HD1	1:904:A:LEU:H	2	0.95
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	11	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:850:A:PHE:HD1	1:851:A:LEU:H	6	0.95
(1,1382)	1:850:A:PHE:HD2	1:851:A:LEU:H	6	0.95
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	1	0.95
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	1	0.95
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	7	0.95
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	7	0.95
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	13	0.95
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	13	0.95
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	13	0.95
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	17	0.95
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	17	0.95
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	17	0.95
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	13	0.95
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	13	0.95
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	18	0.95
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	18	0.95
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	6	0.95
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	6	0.95
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	6	0.95
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	9	0.95
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	9	0.95
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	9	0.95
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	13	0.95
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	13	0.95
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	13	0.95
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	14	0.95
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	14	0.95
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	14	0.95
(1,1314)	1:841:A:LEU:HD22	1:842:A:SER:H	17	0.95
(1,1314)	1:841:A:LEU:HD23	1:842:A:SER:H	17	0.95
(1,1314)	1:841:A:LEU:HD21	1:842:A:SER:H	17	0.95
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	20	0.95
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	7	0.95
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	8	0.95
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	5	0.95
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	5	0.95
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	6	0.95
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	6	0.95
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	1	0.95
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	8	0.95
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	8	0.95
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	8	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	6	0.95
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	4	0.95
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	4	0.95
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	15	0.95
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	17	0.95
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	20	0.95
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	1	0.95
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	7	0.95
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	8	0.95
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	10	0.95
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	15	0.95
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	17	0.95
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	13	0.95
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	20	0.95
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	20	0.95
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	5	0.95
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	16	0.95
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	3	0.95
(1,1156)	1:824:A:ALA:HB1	1:826:A:ALA:H	10	0.95
(1,1156)	1:824:A:ALA:HB2	1:826:A:ALA:H	10	0.95
(1,1156)	1:824:A:ALA:HB3	1:826:A:ALA:H	10	0.95
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	4	0.95
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	9	0.95
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	18	0.95
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	6	0.95
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	17	0.95
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	5	0.95
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	15	0.95
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	5	0.95
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	5	0.95
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	2	0.95
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	2	0.95
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	11	0.95
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	2	0.95
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	2	0.95
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	2	0.95
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	5	0.95
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	11	0.95
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	16	0.95
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	19	0.95
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	19	0.95
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	19	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	7	0.95
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	7	0.95
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	2	0.95
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	3	0.95
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	11	0.95
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	15	0.95
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	15	0.95
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	15	0.95
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	16	0.95
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	16	0.95
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	16	0.95
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	10	0.95
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	7	0.95
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	1	0.95
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	1	0.95
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	18	0.95
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	5	0.95
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	15	0.95
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	16	0.95
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	20	0.95
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	4	0.95
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	4	0.95
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	4	0.95
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	8	0.95
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	8	0.95
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	8	0.95
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	9	0.95
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	9	0.95
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	9	0.95
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	18	0.95
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	18	0.95
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	18	0.95
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	20	0.95
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	20	0.95
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	20	0.95
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	1	0.95
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	1	0.95
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	17	0.95
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	17	0.95
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	19	0.95
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	19	0.95
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	19	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	14	0.95
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	14	0.95
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	14	0.95
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	9	0.95
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	9	0.95
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	9	0.95
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	9	0.95
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	9	0.95
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	9	0.95
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	18	0.95
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	1	0.95
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	1	0.95
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	1	0.95
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	1	0.95
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	1	0.95
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	1	0.95
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	17	0.95
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG21	13	0.95
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG22	13	0.95
(1,746)	1:901:A:PHE:HB2	1:917:A:ILE:HG23	13	0.95
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	8	0.95
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	10	0.95
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	4	0.95
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	4	0.95
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	4	0.95
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	18	0.95
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	18	0.95
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	18	0.95
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	9	0.95
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	4	0.95
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	4	0.95
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	15	0.95
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	15	0.95
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	15	0.95
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	17	0.95
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	10	0.95
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	10	0.95
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	10	0.95
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	12	0.95
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	12	0.95
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	12	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	4	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	4	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	4	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	6	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	6	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	6	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	8	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	8	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	8	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	11	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	11	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	11	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	13	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	13	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	13	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	19	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	19	0.95
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	19	0.95
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	3	0.95
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	3	0.95
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	3	0.95
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	3	0.95
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	3	0.95
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	3	0.95
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	8	0.95
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	8	0.95
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	8	0.95
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	17	0.95
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	17	0.95
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	17	0.95
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	12	0.95
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	15	0.95
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	15	0.95
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	18	0.95
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	18	0.95
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	9	0.95
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	9	0.95
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	9	0.95
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	1	0.95
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	8	0.95
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	20	0.95
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	20	0.95
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD21	8	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD22	8	0.95
(1,497)	1:874:A:LEU:H	1:874:A:LEU:HD23	8	0.95
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	1	0.95
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	5	0.95
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	5	0.95
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	5	0.95
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	14	0.95
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	4	0.95
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	4	0.95
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	4	0.95
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	15	0.95
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	15	0.95
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	15	0.95
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	10	0.95
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	7	0.95
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	3	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	3	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	3	0.95
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	5	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	5	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	5	0.95
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	6	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	6	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	6	0.95
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	7	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	7	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	7	0.95
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	8	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	8	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	8	0.95
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	9	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	9	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	9	0.95
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	10	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	10	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	10	0.95
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	11	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	11	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	11	0.95
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	12	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	12	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	12	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	13	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	13	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	13	0.95
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	17	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	17	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	17	0.95
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	20	0.95
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	20	0.95
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	20	0.95
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	17	0.95
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	17	0.95
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	17	0.95
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	2	0.95
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	2	0.95
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	2	0.95
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	4	0.95
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	4	0.95
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	4	0.95
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	9	0.95
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	9	0.95
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	9	0.95
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	5	0.95
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	5	0.95
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	5	0.95
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD11	8	0.95
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD12	8	0.95
(1,310)	1:873:A:LEU:HG	1:900:A:LEU:HD13	8	0.95
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	4	0.95
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	4	0.95
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	4	0.95
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	7	0.95
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	7	0.95
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	7	0.95
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	14	0.95
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	14	0.95
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	14	0.95
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	11	0.95
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	11	0.95
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	11	0.95
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	12	0.95
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	12	0.95
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	12	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	10	0.95
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	10	0.95
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	10	0.95
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	16	0.95
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	7	0.95
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	7	0.95
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	14	0.95
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	14	0.95
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	14	0.95
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	19	0.95
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	19	0.95
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	19	0.95
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	8	0.95
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	8	0.95
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	15	0.95
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	15	0.95
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	15	0.95
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD22	20	0.95
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD23	20	0.95
(1,251)	1:838:A:PRO:HA	1:841:A:LEU:HD21	20	0.95
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	17	0.95
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	20	0.95
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	20	0.95
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	20	0.95
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	12	0.95
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	12	0.95
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	12	0.95
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	20	0.95
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	20	0.95
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	20	0.95
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	13	0.95
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	13	0.95
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	13	0.95
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	19	0.95
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	19	0.95
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	19	0.95
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	2	0.95
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	2	0.95
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	2	0.95
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	6	0.95
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	6	0.95
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	6	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	10	0.95
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	10	0.95
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	10	0.95
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	16	0.95
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	16	0.95
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	16	0.95
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	11	0.95
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	16	0.95
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	16	0.95
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	16	0.95
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	7	0.95
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	19	0.95
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD11	9	0.95
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD12	9	0.95
(1,158)	1:826:A:ALA:HA	1:861:A:LEU:HD13	9	0.95
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	2	0.95
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	9	0.95
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	13	0.95
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	15	0.95
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	2	0.95
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	2	0.95
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	3	0.95
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	3	0.95
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	13	0.95
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	13	0.95
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	20	0.95
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	20	0.95
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	10	0.95
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	10	0.95
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	10	0.95
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	10	0.95
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	10	0.95
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	10	0.95
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG21	20	0.95
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG22	20	0.95
(1,88)	1:809:A:PHE:HZ	1:813:A:ILE:HG23	20	0.95
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	3	0.95
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	3	0.95
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	3	0.95
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	6	0.95
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	6	0.95
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	6	0.95

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	10	0.95
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	10	0.95
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	10	0.95
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	12	0.95
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	12	0.95
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	12	0.95
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	16	0.95
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	16	0.95
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	16	0.95
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	8	0.95
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	14	0.95
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	5	0.95
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	5	0.95
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	5	0.95
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	8	0.95
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	8	0.95
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	8	0.95
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	18	0.95
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	18	0.95
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	18	0.95
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB2	4	0.94
(1,3393)	1:926:A:LEU:H	1:926:A:LEU:HB3	4	0.94
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	6	0.94
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	6	0.94
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	15	0.94
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	15	0.94
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	5	0.94
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	5	0.94
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	17	0.94
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	17	0.94
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	9	0.94
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	9	0.94
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	7	0.94
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	7	0.94
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	8	0.94
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	8	0.94
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	9	0.94
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	9	0.94
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	15	0.94
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	15	0.94
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	1	0.94
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	1	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	2	0.94
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	2	0.94
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	7	0.94
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	7	0.94
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	11	0.94
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	11	0.94
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	7	0.94
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	7	0.94
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	10	0.94
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	10	0.94
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	17	0.94
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	17	0.94
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	19	0.94
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	19	0.94
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB2	20	0.94
(1,3154)	1:844:A:LYS:H	1:844:A:LYS:HB3	20	0.94
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	16	0.94
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	16	0.94
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	16	0.94
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	16	0.94
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	16	0.94
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	16	0.94
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	10	0.94
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	10	0.94
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	7	0.94
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	7	0.94
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	11	0.94
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	11	0.94
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	16	0.94
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	16	0.94
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	13	0.94
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	13	0.94
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	2	0.94
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	5	0.94
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	17	0.94
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	15	0.94
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	9	0.94
(1,2926)	1:919:A:ALA:HB3	1:921:A:LYS:H	9	0.94
(1,2926)	1:919:A:ALA:HB1	1:921:A:LYS:H	9	0.94
(1,2926)	1:919:A:ALA:HB2	1:921:A:LYS:H	9	0.94
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	7	0.94
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	7	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	10	0.94
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	10	0.94
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	19	0.94
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	19	0.94
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	3	0.94
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	3	0.94
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	3	0.94
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	3	0.94
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	8	0.94
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	8	0.94
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	8	0.94
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	13	0.94
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	13	0.94
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	13	0.94
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	15	0.94
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	15	0.94
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	15	0.94
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	18	0.94
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	18	0.94
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	18	0.94
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	20	0.94
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	20	0.94
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	20	0.94
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	1	0.94
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	1	0.94
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	1	0.94
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	16	0.94
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	16	0.94
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	16	0.94
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	16	0.94
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	16	0.94
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	16	0.94
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	15	0.94
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	15	0.94
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	15	0.94
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	6	0.94
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	1	0.94
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	5	0.94
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	20	0.94
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	20	0.94
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	20	0.94
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	1	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	1	0.94
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	1	0.94
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	8	0.94
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	8	0.94
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	8	0.94
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	12	0.94
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	12	0.94
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	12	0.94
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	3	0.94
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	3	0.94
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	3	0.94
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	11	0.94
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	11	0.94
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	8	0.94
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	8	0.94
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	6	0.94
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	6	0.94
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	6	0.94
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	18	0.94
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	18	0.94
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	12	0.94
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	12	0.94
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	16	0.94
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	16	0.94
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	13	0.94
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	13	0.94
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD11	14	0.94
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD12	14	0.94
(1,2639)	1:809:A:PHE:HD2	1:828:A:LEU:HD13	14	0.94
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD11	14	0.94
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD12	14	0.94
(1,2639)	1:809:A:PHE:HD1	1:828:A:LEU:HD13	14	0.94
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	5	0.94
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	5	0.94
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	5	0.94
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	5	0.94
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	5	0.94
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	5	0.94
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	10	0.94
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	10	0.94
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	10	0.94
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	16	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	16	0.94
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	16	0.94
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	11	0.94
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	11	0.94
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	11	0.94
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	13	0.94
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	13	0.94
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	13	0.94
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	14	0.94
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	14	0.94
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	14	0.94
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	1	0.94
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	1	0.94
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	1	0.94
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	1	0.94
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	1	0.94
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	1	0.94
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	9	0.94
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	9	0.94
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	9	0.94
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	13	0.94
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	13	0.94
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	13	0.94
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	18	0.94
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	4	0.94
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	4	0.94
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE1	19	0.94
(1,2578)	1:834:A:PRO:HB2	1:875:A:TYR:HE2	19	0.94
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	18	0.94
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	18	0.94
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	9	0.94
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	10	0.94
(1,2520)	1:840:A:PHE:HB3	1:841:A:LEU:H	7	0.94
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	12	0.94
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	12	0.94
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	15	0.94
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	15	0.94
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	12	0.94
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	12	0.94
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	13	0.94
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	13	0.94
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	18	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	12	0.94
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	12	0.94
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	17	0.94
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	17	0.94
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	20	0.94
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	20	0.94
(1,2446)	1:875:A:TYR:HA	1:877:A:SER:HG	3	0.94
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	8	0.94
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	17	0.94
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	9	0.94
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	9	0.94
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	15	0.94
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	15	0.94
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	15	0.94
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	1	0.94
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	1	0.94
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	8	0.94
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	8	0.94
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	14	0.94
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	14	0.94
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	8	0.94
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	8	0.94
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	8	0.94
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	1	0.94
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	1	0.94
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	1	0.94
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	1	0.94
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	1	0.94
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	1	0.94
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	9	0.94
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	9	0.94
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	9	0.94
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	9	0.94
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	9	0.94
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	9	0.94
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	6	0.94
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	6	0.94
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	8	0.94
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	8	0.94
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	11	0.94
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	11	0.94
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	17	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	17	0.94
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	3	0.94
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	3	0.94
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	19	0.94
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	19	0.94
(1,2276)	1:870:A:TYR:HE2	1:917:A:ILE:HB	12	0.94
(1,2276)	1:870:A:TYR:HE1	1:917:A:ILE:HB	12	0.94
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	8	0.94
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	8	0.94
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	1	0.94
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	18	0.94
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	20	0.94
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	19	0.94
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	19	0.94
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	7	0.94
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	5	0.94
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	5	0.94
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	10	0.94
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	10	0.94
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	20	0.94
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	20	0.94
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	20	0.94
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	19	0.94
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	19	0.94
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	6	0.94
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	6	0.94
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	6	0.94
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	12	0.94
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	11	0.94
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	14	0.94
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	9	0.94
(1,2086)	1:913:A:THR:HG21	1:916:A:ASP:H	4	0.94
(1,2086)	1:913:A:THR:HG22	1:916:A:ASP:H	4	0.94
(1,2086)	1:913:A:THR:HG23	1:916:A:ASP:H	4	0.94
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	3	0.94
(1,2041)	1:911:A:HIS:H	1:912:A:PHE:H	16	0.94
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	17	0.94
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	17	0.94
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	17	0.94
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	7	0.94
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	7	0.94
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	5	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG21	12	0.94
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG22	12	0.94
(1,1983)	1:905:A:SER:H	1:917:A:ILE:HG23	12	0.94
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	7	0.94
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	7	0.94
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	7	0.94
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	10	0.94
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	10	0.94
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	10	0.94
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	12	0.94
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	12	0.94
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	12	0.94
(1,1980)	1:904:A:LEU:HD21	1:905:A:SER:H	14	0.94
(1,1980)	1:904:A:LEU:HD22	1:905:A:SER:H	14	0.94
(1,1980)	1:904:A:LEU:HD23	1:905:A:SER:H	14	0.94
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	7	0.94
(1,1975)	1:903:A:ASP:H	1:903:A:ASP:HB2	7	0.94
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	8	0.94
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	8	0.94
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	18	0.94
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	18	0.94
(1,1970)	1:862:A:ILE:HD11	1:903:A:ASP:H	5	0.94
(1,1970)	1:862:A:ILE:HD12	1:903:A:ASP:H	5	0.94
(1,1970)	1:862:A:ILE:HD13	1:903:A:ASP:H	5	0.94
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	20	0.94
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	8	0.94
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	8	0.94
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	11	0.94
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	11	0.94
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	3	0.94
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	3	0.94
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	3	0.94
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	8	0.94
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	8	0.94
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	8	0.94
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	9	0.94
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	9	0.94
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	9	0.94
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	11	0.94
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	11	0.94
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	11	0.94
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	14	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	14	0.94
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	14	0.94
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	7	0.94
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	7	0.94
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	16	0.94
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	16	0.94
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	19	0.94
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	19	0.94
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	17	0.94
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	18	0.94
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	13	0.94
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	18	0.94
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	19	0.94
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	18	0.94
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	18	0.94
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	18	0.94
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	2	0.94
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	7	0.94
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	3	0.94
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	7	0.94
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	9	0.94
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	10	0.94
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	11	0.94
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	12	0.94
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	18	0.94
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	5	0.94
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	3	0.94
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	3	0.94
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	3	0.94
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	10	0.94
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	10	0.94
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	10	0.94
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	16	0.94
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	16	0.94
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	16	0.94
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	9	0.94
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	5	0.94
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	5	0.94
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	5	0.94
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	14	0.94
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	12	0.94
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	17	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	16	0.94
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	16	0.94
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	4	0.94
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	4	0.94
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	19	0.94
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	15	0.94
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	8	0.94
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	8	0.94
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	8	0.94
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	11	0.94
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	11	0.94
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	11	0.94
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	12	0.94
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	12	0.94
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	12	0.94
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	15	0.94
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	15	0.94
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	15	0.94
(1,1709)	1:841:A:LEU:HD11	1:879:A:ALA:H	17	0.94
(1,1709)	1:841:A:LEU:HD12	1:879:A:ALA:H	17	0.94
(1,1709)	1:841:A:LEU:HD13	1:879:A:ALA:H	17	0.94
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	11	0.94
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	11	0.94
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	11	0.94
(1,1674)	1:876:A:LEU:HD13	1:877:A:SER:H	15	0.94
(1,1674)	1:876:A:LEU:HD11	1:877:A:SER:H	15	0.94
(1,1674)	1:876:A:LEU:HD12	1:877:A:SER:H	15	0.94
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	6	0.94
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	20	0.94
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	1	0.94
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	8	0.94
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	11	0.94
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	14	0.94
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	16	0.94
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	19	0.94
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	5	0.94
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	6	0.94
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	3	0.94
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	3	0.94
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	3	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	2	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	2	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	2	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	7	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	7	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	7	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	8	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	8	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	8	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	11	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	11	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	11	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	14	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	14	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	14	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	15	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	15	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	15	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	19	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	19	0.94
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	19	0.94
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	2	0.94
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	5	0.94
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	20	0.94
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	19	0.94
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	20	0.94
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	13	0.94
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	20	0.94
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	5	0.94
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	5	0.94
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	12	0.94
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	12	0.94
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	12	0.94
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	12	0.94
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	6	0.94
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	16	0.94
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	1	0.94
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	1	0.94
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	1	0.94
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	14	0.94
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	14	0.94
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	14	0.94
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	17	0.94
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	17	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	17	0.94
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	1	0.94
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	9	0.94
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	9	0.94
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	16	0.94
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	17	0.94
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	6	0.94
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	11	0.94
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	7	0.94
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	19	0.94
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	17	0.94
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	17	0.94
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	18	0.94
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	7	0.94
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	1	0.94
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	10	0.94
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	17	0.94
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	7	0.94
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	5	0.94
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	16	0.94
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	2	0.94
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	2	0.94
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	2	0.94
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	3	0.94
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	3	0.94
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	3	0.94
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	9	0.94
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	9	0.94
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	9	0.94
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	14	0.94
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	14	0.94
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	14	0.94
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	15	0.94
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	15	0.94
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	15	0.94
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	3	0.94
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	4	0.94
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	14	0.94
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	17	0.94
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	20	0.94
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	1	0.94
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	19	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	5	0.94
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	15	0.94
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	4	0.94
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	4	0.94
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	4	0.94
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	18	0.94
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	18	0.94
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	18	0.94
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	19	0.94
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	19	0.94
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	19	0.94
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	8	0.94
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	19	0.94
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	19	0.94
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	10	0.94
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	10	0.94
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	8	0.94
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	8	0.94
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	8	0.94
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	10	0.94
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	10	0.94
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	10	0.94
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	20	0.94
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	14	0.94
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	10	0.94
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	9	0.94
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	9	0.94
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	9	0.94
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	16	0.94
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	6	0.94
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	6	0.94
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	18	0.94
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	18	0.94
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	4	0.94
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	4	0.94
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	4	0.94
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	10	0.94
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	3	0.94
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	8	0.94
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	8	0.94
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	8	0.94
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	13	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	5	0.94
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	6	0.94
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	15	0.94
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	16	0.94
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	15	0.94
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	15	0.94
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	15	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	1	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	1	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	1	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	2	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	2	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	2	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	7	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	7	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	7	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	10	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	10	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	10	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	15	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	15	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	15	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	18	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	18	0.94
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	18	0.94
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	12	0.94
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	19	0.94
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	1	0.94
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	20	0.94
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	15	0.94
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	15	0.94
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	15	0.94
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	11	0.94
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	20	0.94
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	9	0.94
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	9	0.94
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	13	0.94
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	13	0.94
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	5	0.94
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	12	0.94
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	5	0.94
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	5	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	1	0.94
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	15	0.94
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	17	0.94
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	20	0.94
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	20	0.94
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	13	0.94
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	3	0.94
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	3	0.94
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	3	0.94
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	17	0.94
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	17	0.94
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	17	0.94
(1,1062)	1:816:A:LEU:H	1:816:A:LEU:HB2	6	0.94
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	11	0.94
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	11	0.94
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	11	0.94
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	1	0.94
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	1	0.94
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	1	0.94
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	9	0.94
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	9	0.94
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	9	0.94
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	11	0.94
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	11	0.94
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	11	0.94
(1,1048)	1:812:A:ILE:HG23	1:815:A:ALA:H	15	0.94
(1,1048)	1:812:A:ILE:HG21	1:815:A:ALA:H	15	0.94
(1,1048)	1:812:A:ILE:HG22	1:815:A:ALA:H	15	0.94
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	6	0.94
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	2	0.94
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	2	0.94
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	2	0.94
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	7	0.94
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	7	0.94
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	7	0.94
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	9	0.94
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	9	0.94
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	9	0.94
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	13	0.94
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	13	0.94
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	13	0.94
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	13	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1009)	1:811:A:GLN:HB2	1:811:A:GLN:HE21	9	0.94
(1,1009)	1:811:A:GLN:HB3	1:811:A:GLN:HE21	9	0.94
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	16	0.94
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	16	0.94
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	8	0.94
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	8	0.94
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	20	0.94
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	7	0.94
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	7	0.94
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	14	0.94
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	9	0.94
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	12	0.94
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	10	0.94
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	10	0.94
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	10	0.94
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	12	0.94
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	12	0.94
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	12	0.94
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	13	0.94
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	13	0.94
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	13	0.94
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	15	0.94
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	15	0.94
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	15	0.94
(1,976)	1:808:A:GLU:H	1:808:A:GLU:HB2	7	0.94
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	1	0.94
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	14	0.94
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	7	0.94
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	7	0.94
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	5	0.94
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	5	0.94
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	5	0.94
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	18	0.94
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	18	0.94
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	18	0.94
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	13	0.94
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	13	0.94
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	7	0.94
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	12	0.94
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	12	0.94
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	12	0.94
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	12	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	15	0.94
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	15	0.94
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	15	0.94
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	14	0.94
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	14	0.94
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	14	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	1	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	1	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	1	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	2	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	2	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	2	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	11	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	11	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	11	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	12	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	12	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	12	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	18	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	18	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	18	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	19	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	19	0.94
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	19	0.94
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	11	0.94
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	11	0.94
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	11	0.94
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	9	0.94
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	9	0.94
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	11	0.94
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	11	0.94
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	16	0.94
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	16	0.94
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	17	0.94
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	17	0.94
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	2	0.94
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	9	0.94
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	14	0.94
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	5	0.94
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	5	0.94
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	5	0.94
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	13	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	13	0.94
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	13	0.94
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	13	0.94
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	13	0.94
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	13	0.94
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	10	0.94
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	7	0.94
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	7	0.94
(1,701)	1:902:A:GLU:HA	1:902:A:GLU:HG2	5	0.94
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	8	0.94
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	4	0.94
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	4	0.94
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	4	0.94
(1,644)	1:897:A:ILE:HA	1:897:A:ILE:HG13	1	0.94
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	14	0.94
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	14	0.94
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	7	0.94
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	7	0.94
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	7	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	3	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	3	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	3	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	7	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	7	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	7	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	9	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	9	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	9	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	17	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	17	0.94
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	17	0.94
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	18	0.94
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	18	0.94
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	18	0.94
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	18	0.94
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	18	0.94
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	18	0.94
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	10	0.94
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	10	0.94
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	6	0.94
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	6	0.94
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	6	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	5	0.94
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	5	0.94
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	5	0.94
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	12	0.94
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	12	0.94
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	13	0.94
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	13	0.94
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	10	0.94
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	7	0.94
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	7	0.94
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	8	0.94
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	15	0.94
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	19	0.94
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	7	0.94
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	7	0.94
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	7	0.94
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	12	0.94
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	12	0.94
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	12	0.94
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	13	0.94
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	13	0.94
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	13	0.94
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	17	0.94
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	17	0.94
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	17	0.94
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	20	0.94
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	20	0.94
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	20	0.94
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	11	0.94
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	11	0.94
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	11	0.94
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	18	0.94
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	18	0.94
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	18	0.94
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	4	0.94
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	17	0.94
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	18	0.94
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	18	0.94
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	18	0.94
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	2	0.94
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	2	0.94
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	2	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	15	0.94
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	15	0.94
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	15	0.94
(1,394)	1:862:A:ILE:HG21	1:862:A:ILE:HG12	16	0.94
(1,394)	1:862:A:ILE:HG22	1:862:A:ILE:HG12	16	0.94
(1,394)	1:862:A:ILE:HG23	1:862:A:ILE:HG12	16	0.94
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	3	0.94
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	3	0.94
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	3	0.94
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	15	0.94
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	15	0.94
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	15	0.94
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	19	0.94
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	19	0.94
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	2	0.94
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	14	0.94
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	14	0.94
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	14	0.94
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	20	0.94
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	20	0.94
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	20	0.94
(1,335)	1:854:A:ILE:HG21	1:897:A:ILE:H	6	0.94
(1,335)	1:854:A:ILE:HG22	1:897:A:ILE:H	6	0.94
(1,335)	1:854:A:ILE:HG23	1:897:A:ILE:H	6	0.94
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	20	0.94
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	20	0.94
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	20	0.94
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	6	0.94
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	6	0.94
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	6	0.94
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD12	19	0.94
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD13	19	0.94
(1,303)	1:852:A:LEU:H	1:852:A:LEU:HD11	19	0.94
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	10	0.94
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	10	0.94
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	10	0.94
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	19	0.94
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	19	0.94
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	19	0.94
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	4	0.94
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	4	0.94
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	4	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	14	0.94
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	1	0.94
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	1	0.94
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	1	0.94
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	2	0.94
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	2	0.94
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	2	0.94
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	3	0.94
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	3	0.94
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	3	0.94
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	4	0.94
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	4	0.94
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	4	0.94
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	10	0.94
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	10	0.94
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	10	0.94
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	12	0.94
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	12	0.94
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	12	0.94
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	13	0.94
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	13	0.94
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	13	0.94
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	17	0.94
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	17	0.94
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	17	0.94
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	19	0.94
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	19	0.94
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	19	0.94
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	4	0.94
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	4	0.94
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	4	0.94
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	1	0.94
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	1	0.94
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	1	0.94
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	6	0.94
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	6	0.94
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	6	0.94
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	8	0.94
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	8	0.94
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	8	0.94
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	14	0.94
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	14	0.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	14	0.94
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	18	0.94
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	18	0.94
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	18	0.94
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	3	0.94
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	19	0.94
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	19	0.94
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	19	0.94
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	7	0.94
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	19	0.94
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	19	0.94
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	13	0.94
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	13	0.94
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	1	0.94
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	1	0.94
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	1	0.94
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	5	0.94
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	5	0.94
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	5	0.94
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	8	0.94
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	8	0.94
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	8	0.94
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	7	0.94
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	7	0.94
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	7	0.94
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	10	0.94
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	10	0.94
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	10	0.94
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	11	0.94
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	19	0.94
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	5	0.94
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	5	0.94
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	5	0.94
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	3	0.93
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	3	0.93
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	18	0.93
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	18	0.93
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	19	0.93
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	19	0.93
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	18	0.93
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	18	0.93
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	3	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	3	0.93
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	7	0.93
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	7	0.93
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	16	0.93
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	16	0.93
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB2	11	0.93
(1,3318)	1:890:A:SER:H	1:890:A:SER:HB3	11	0.93
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	2	0.93
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	2	0.93
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	2	0.93
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	2	0.93
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	2	0.93
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	2	0.93
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	16	0.93
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	16	0.93
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	4	0.93
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	4	0.93
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	11	0.93
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	11	0.93
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	20	0.93
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	20	0.93
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	6	0.93
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	6	0.93
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	3	0.93
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	3	0.93
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	6	0.93
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	6	0.93
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	12	0.93
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	12	0.93
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	13	0.93
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	13	0.93
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	18	0.93
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	18	0.93
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	5	0.93
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	5	0.93
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB2	8	0.93
(1,3201)	1:853:A:LEU:H	1:856:A:SER:HB3	8	0.93
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	16	0.93
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	16	0.93
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	20	0.93
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	20	0.93
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	13	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	13	0.93
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	3	0.93
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	3	0.93
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	6	0.93
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	6	0.93
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	11	0.93
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	11	0.93
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	18	0.93
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	18	0.93
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	19	0.93
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	19	0.93
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	17	0.93
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	17	0.93
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	17	0.93
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	17	0.93
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD2	17	0.93
(1,3120)	1:835:A:LYS:HB2	1:835:A:LYS:HD3	17	0.93
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD2	17	0.93
(1,3120)	1:835:A:LYS:HB3	1:835:A:LYS:HD3	17	0.93
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	19	0.93
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	19	0.93
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	19	0.93
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	19	0.93
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	19	0.93
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	19	0.93
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	20	0.93
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	20	0.93
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	5	0.93
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	5	0.93
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	9	0.93
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	9	0.93
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	20	0.93
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	20	0.93
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	7	0.93
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	7	0.93
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	12	0.93
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	12	0.93
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	15	0.93
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	15	0.93
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	8	0.93
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD12	2	0.93
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD13	2	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2989)	1:817:A:SER:H	1:852:A:LEU:HD11	2	0.93
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	19	0.93
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	19	0.93
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	19	0.93
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	14	0.93
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	14	0.93
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	15	0.93
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	5	0.93
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	16	0.93
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	18	0.93
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	1	0.93
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	3	0.93
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	3	0.93
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	13	0.93
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	13	0.93
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	5	0.93
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	5	0.93
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	7	0.93
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	7	0.93
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	7	0.93
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	9	0.93
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	9	0.93
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	9	0.93
(1,2880)	1:852:A:LEU:HD12	1:856:A:SER:HA	17	0.93
(1,2880)	1:852:A:LEU:HD13	1:856:A:SER:HA	17	0.93
(1,2880)	1:852:A:LEU:HD11	1:856:A:SER:HA	17	0.93
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	6	0.93
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	6	0.93
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	6	0.93
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	15	0.93
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	15	0.93
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	3	0.93
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG21	4	0.93
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG22	4	0.93
(1,2776)	1:818:A:THR:HA	1:818:A:THR:HG23	4	0.93
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	13	0.93
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	16	0.93
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	16	0.93
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	16	0.93
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	14	0.93
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	14	0.93
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	14	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	16	0.93
(1,2633)	1:904:A:LEU:HD11	1:905:A:SER:H	18	0.93
(1,2633)	1:904:A:LEU:HD12	1:905:A:SER:H	18	0.93
(1,2633)	1:904:A:LEU:HD13	1:905:A:SER:H	18	0.93
(1,2622)	1:831:A:ILE:HD13	1:832:A:THR:H	17	0.93
(1,2622)	1:831:A:ILE:HD11	1:832:A:THR:H	17	0.93
(1,2622)	1:831:A:ILE:HD12	1:832:A:THR:H	17	0.93
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	6	0.93
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	6	0.93
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	6	0.93
(1,2614)	1:868:A:LEU:HD11	1:871:A:GLN:H	18	0.93
(1,2614)	1:868:A:LEU:HD12	1:871:A:GLN:H	18	0.93
(1,2614)	1:868:A:LEU:HD13	1:871:A:GLN:H	18	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	2	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	2	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	2	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	5	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	5	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	5	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	8	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	8	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	8	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	10	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	10	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	10	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	15	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	15	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	15	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	17	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	17	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	17	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	18	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	18	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	18	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	19	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	19	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	19	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	20	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	20	0.93
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	20	0.93
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	19	0.93
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	19	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	19	0.93
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	19	0.93
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	19	0.93
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	19	0.93
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	12	0.93
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	12	0.93
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	12	0.93
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	19	0.93
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	19	0.93
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	19	0.93
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	19	0.93
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	19	0.93
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	19	0.93
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	8	0.93
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	12	0.93
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	4	0.93
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	11	0.93
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	15	0.93
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	1	0.93
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	10	0.93
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	10	0.93
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	10	0.93
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	10	0.93
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	2	0.93
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	2	0.93
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	10	0.93
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	10	0.93
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	14	0.93
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	14	0.93
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	12	0.93
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	12	0.93
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	17	0.93
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	3	0.93
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	3	0.93
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	20	0.93
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	20	0.93
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	12	0.93
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	19	0.93
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	2	0.93
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	2	0.93
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	10	0.93
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	8	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	8	0.93
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	9	0.93
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	9	0.93
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	5	0.93
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	5	0.93
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	5	0.93
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	5	0.93
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	5	0.93
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	5	0.93
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	5	0.93
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	5	0.93
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	19	0.93
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	19	0.93
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	15	0.93
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	15	0.93
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	5	0.93
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	5	0.93
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	19	0.93
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	16	0.93
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	16	0.93
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	16	0.93
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	13	0.93
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	13	0.93
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	9	0.93
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	9	0.93
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	9	0.93
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	11	0.93
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	11	0.93
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	11	0.93
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	16	0.93
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	16	0.93
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	16	0.93
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	16	0.93
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	16	0.93
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	6	0.93
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	6	0.93
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	5	0.93
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	5	0.93
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	4	0.93
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	18	0.93
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	4	0.93
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	4	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	4	0.93
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	8	0.93
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	8	0.93
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	8	0.93
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	8	0.93
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	11	0.93
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	11	0.93
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	3	0.93
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	3	0.93
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	3	0.93
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	8	0.93
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	18	0.93
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	18	0.93
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	3	0.93
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	3	0.93
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	3	0.93
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	1	0.93
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	1	0.93
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	3	0.93
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	7	0.93
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	11	0.93
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	16	0.93
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	13	0.93
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	13	0.93
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	5	0.93
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	5	0.93
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	5	0.93
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	15	0.93
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	15	0.93
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	15	0.93
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	16	0.93
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	16	0.93
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	16	0.93
(1,1925)	1:897:A:ILE:HG21	1:900:A:LEU:H	17	0.93
(1,1925)	1:897:A:ILE:HG22	1:900:A:LEU:H	17	0.93
(1,1925)	1:897:A:ILE:HG23	1:900:A:LEU:H	17	0.93
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	3	0.93
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	19	0.93
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	5	0.93
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	10	0.93
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	15	0.93
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	19	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	8	0.93
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	8	0.93
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	17	0.93
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	17	0.93
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	17	0.93
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	12	0.93
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	14	0.93
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	15	0.93
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	7	0.93
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	6	0.93
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	6	0.93
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	6	0.93
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	5	0.93
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	5	0.93
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	5	0.93
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	20	0.93
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	20	0.93
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	20	0.93
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	13	0.93
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	13	0.93
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	13	0.93
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	14	0.93
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	8	0.93
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	4	0.93
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	1	0.93
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	1	0.93
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	1	0.93
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	13	0.93
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	13	0.93
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	13	0.93
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	17	0.93
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	17	0.93
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	17	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	1	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	1	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	1	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	7	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	7	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	7	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	8	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	8	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	8	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	9	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	9	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	9	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	14	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	14	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	14	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	19	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	19	0.93
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	19	0.93
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	17	0.93
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	17	0.93
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	4	0.93
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	10	0.93
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	20	0.93
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	20	0.93
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	10	0.93
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	10	0.93
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	10	0.93
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	19	0.93
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	14	0.93
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	9	0.93
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	13	0.93
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	1	0.93
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	15	0.93
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	11	0.93
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	10	0.93
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD11	4	0.93
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD12	4	0.93
(1,1623)	1:899:A:GLN:H	1:926:A:LEU:HD13	4	0.93
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	7	0.93
(1,1620)	1:873:A:LEU:H	1:874:A:LEU:H	8	0.93
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	2	0.93
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	15	0.93
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	17	0.93
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	8	0.93
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	15	0.93
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	8	0.93
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	8	0.93
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	1	0.93
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	6	0.93
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	7	0.93
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	20	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	13	0.93
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	17	0.93
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	4	0.93
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	4	0.93
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	4	0.93
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	4	0.93
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	4	0.93
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	4	0.93
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	8	0.93
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	8	0.93
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	8	0.93
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	14	0.93
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	15	0.93
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD2	11	0.93
(1,1543)	1:865:A:ASP:H	1:866:A:PRO:HD3	11	0.93
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	15	0.93
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	6	0.93
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	3	0.93
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	10	0.93
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	4	0.93
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	6	0.93
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	5	0.93
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	7	0.93
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	10	0.93
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	17	0.93
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	20	0.93
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	6	0.93
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	18	0.93
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	3	0.93
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	4	0.93
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	9	0.93
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	20	0.93
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	17	0.93
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	11	0.93
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	11	0.93
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	11	0.93
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	7	0.93
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	8	0.93
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	10	0.93
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	16	0.93
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	5	0.93
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	12	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	3	0.93
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	3	0.93
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	3	0.93
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	14	0.93
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	14	0.93
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	14	0.93
(1,1365)	1:845:A:LEU:HD11	1:850:A:PHE:H	17	0.93
(1,1365)	1:845:A:LEU:HD12	1:850:A:PHE:H	17	0.93
(1,1365)	1:845:A:LEU:HD13	1:850:A:PHE:H	17	0.93
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	18	0.93
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	18	0.93
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	17	0.93
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	1	0.93
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	1	0.93
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	15	0.93
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	15	0.93
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	18	0.93
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	18	0.93
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	14	0.93
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	14	0.93
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	8	0.93
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	9	0.93
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	2	0.93
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	2	0.93
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	2	0.93
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	5	0.93
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	11	0.93
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	12	0.93
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	15	0.93
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	17	0.93
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	16	0.93
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	18	0.93
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	5	0.93
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	2	0.93
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	2	0.93
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	2	0.93
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	4	0.93
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	4	0.93
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	4	0.93
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	12	0.93
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	12	0.93
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	12	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	12	0.93
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	12	0.93
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	18	0.93
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	20	0.93
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	4	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	6	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	6	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	6	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	9	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	9	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	9	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	14	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	14	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	14	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	20	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	20	0.93
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	20	0.93
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	7	0.93
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	10	0.93
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	20	0.93
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	11	0.93
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	17	0.93
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	14	0.93
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	2	0.93
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	16	0.93
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	16	0.93
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	18	0.93
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	18	0.93
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	18	0.93
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	8	0.93
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	13	0.93
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	11	0.93
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	11	0.93
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	11	0.93
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	7	0.93
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	7	0.93
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	9	0.93
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	9	0.93
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	4	0.93
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	4	0.93
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	7	0.93
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	18	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	17	0.93
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	12	0.93
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	12	0.93
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	13	0.93
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	13	0.93
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	1	0.93
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	16	0.93
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	7	0.93
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	7	0.93
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	7	0.93
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	9	0.93
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	9	0.93
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	9	0.93
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	14	0.93
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	14	0.93
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	14	0.93
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	20	0.93
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	20	0.93
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	20	0.93
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	20	0.93
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	20	0.93
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	20	0.93
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	2	0.93
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	2	0.93
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	2	0.93
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	3	0.93
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	3	0.93
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	3	0.93
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	4	0.93
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	4	0.93
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	4	0.93
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	6	0.93
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	6	0.93
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	6	0.93
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	7	0.93
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	7	0.93
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	7	0.93
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	8	0.93
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	8	0.93
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	8	0.93
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	9	0.93
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	9	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	9	0.93
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	13	0.93
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	13	0.93
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	13	0.93
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	15	0.93
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	15	0.93
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	15	0.93
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	19	0.93
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	19	0.93
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	19	0.93
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	2	0.93
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	2	0.93
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	2	0.93
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	18	0.93
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	18	0.93
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	18	0.93
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	4	0.93
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	11	0.93
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	11	0.93
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	11	0.93
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	14	0.93
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	14	0.93
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	3	0.93
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	3	0.93
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	7	0.93
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	7	0.93
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	10	0.93
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	10	0.93
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	14	0.93
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	18	0.93
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	18	0.93
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	1	0.93
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	2	0.93
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	6	0.93
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	6	0.93
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	6	0.93
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	14	0.93
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	14	0.93
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	14	0.93
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	17	0.93
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	17	0.93
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	17	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,978)	1:806:A:ALA:HB1	1:809:A:PHE:H	19	0.93
(1,978)	1:806:A:ALA:HB2	1:809:A:PHE:H	19	0.93
(1,978)	1:806:A:ALA:HB3	1:809:A:PHE:H	19	0.93
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	20	0.93
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	20	0.93
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	6	0.93
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	7	0.93
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	2	0.93
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	12	0.93
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	14	0.93
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	15	0.93
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	17	0.93
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	20	0.93
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	16	0.93
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	10	0.93
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	10	0.93
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	10	0.93
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	8	0.93
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	20	0.93
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	20	0.93
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	15	0.93
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	15	0.93
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	15	0.93
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	2	0.93
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	2	0.93
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	2	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	3	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	3	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	3	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	4	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	4	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	4	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	13	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	13	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	13	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	15	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	15	0.93
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	15	0.93
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	1	0.93
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	1	0.93
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	1	0.93
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	15	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	10	0.93
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	10	0.93
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	2	0.93
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	2	0.93
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	2	0.93
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	7	0.93
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	7	0.93
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	7	0.93
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	7	0.93
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	7	0.93
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	7	0.93
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	18	0.93
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	5	0.93
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	9	0.93
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	3	0.93
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	3	0.93
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	3	0.93
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	20	0.93
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	20	0.93
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	20	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	1	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	1	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	1	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	10	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	10	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	10	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	15	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	15	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	15	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	18	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	18	0.93
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	18	0.93
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	14	0.93
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	14	0.93
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	14	0.93
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	14	0.93
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	14	0.93
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	14	0.93
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	12	0.93
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	12	0.93
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	12	0.93
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	19	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	19	0.93
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	19	0.93
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	19	0.93
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	19	0.93
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	19	0.93
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	20	0.93
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	20	0.93
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	20	0.93
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	5	0.93
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD21	6	0.93
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD22	6	0.93
(1,539)	1:884:A:MET:HG3	1:888:A:LEU:HD23	6	0.93
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	14	0.93
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	14	0.93
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	14	0.93
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	10	0.93
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	10	0.93
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	11	0.93
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	11	0.93
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	16	0.93
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	16	0.93
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	4	0.93
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	6	0.93
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	2	0.93
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	2	0.93
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	2	0.93
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	3	0.93
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	3	0.93
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	3	0.93
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	15	0.93
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	15	0.93
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	15	0.93
(1,473)	1:873:A:LEU:HD11	1:874:A:LEU:H	16	0.93
(1,473)	1:873:A:LEU:HD12	1:874:A:LEU:H	16	0.93
(1,473)	1:873:A:LEU:HD13	1:874:A:LEU:H	16	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	1	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	1	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	1	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	9	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	9	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	9	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	11	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	11	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	11	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	12	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	12	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	12	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	17	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	17	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	17	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	18	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	18	0.93
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	18	0.93
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	10	0.93
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	10	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	1	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	1	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	1	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	3	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	3	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	3	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	4	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	4	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	4	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	5	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	5	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	5	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	14	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	14	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	14	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	15	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	15	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	15	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	16	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	16	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	16	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	19	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	19	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	19	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	20	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	20	0.93
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	20	0.93
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	6	0.93
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	6	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	6	0.93
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	2	0.93
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	2	0.93
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	2	0.93
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	16	0.93
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	16	0.93
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	16	0.93
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	2	0.93
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	2	0.93
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	2	0.93
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	5	0.93
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	5	0.93
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	5	0.93
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	16	0.93
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	16	0.93
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	16	0.93
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	9	0.93
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	3	0.93
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	5	0.93
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	5	0.93
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	5	0.93
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	8	0.93
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	8	0.93
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD11	4	0.93
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD12	4	0.93
(1,249)	1:837:A:LEU:HB2	1:837:A:LEU:HD13	4	0.93
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	12	0.93
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	5	0.93
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	5	0.93
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	5	0.93
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	6	0.93
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	6	0.93
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	6	0.93
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	7	0.93
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	7	0.93
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	7	0.93
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	8	0.93
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	8	0.93
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	8	0.93
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	11	0.93
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	11	0.93
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	11	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	15	0.93
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	15	0.93
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	15	0.93
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	6	0.93
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	6	0.93
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	6	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	2	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	2	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	2	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	4	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	4	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	4	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	5	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	5	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	5	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	7	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	7	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	7	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	9	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	9	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	9	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	10	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	10	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	10	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	12	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	12	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	12	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	13	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	13	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	13	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	15	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	15	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	15	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	18	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	18	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	18	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	20	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	20	0.93
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	20	0.93
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	11	0.93
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	11	0.93
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	11	0.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG21	4	0.93
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG22	4	0.93
(1,186)	1:829:A:LEU:HA	1:832:A:THR:HG23	4	0.93
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	16	0.93
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	2	0.93
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	2	0.93
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	2	0.93
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	3	0.93
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	13	0.93
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	16	0.93
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	9	0.93
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	9	0.93
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	9	0.93
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	4	0.93
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	4	0.93
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	16	0.93
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	17	0.93
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	17	0.93
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	7	0.93
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	7	0.93
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	7	0.93
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	7	0.93
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	4	0.93
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	4	0.93
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	4	0.93
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	20	0.93
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	20	0.93
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	20	0.93
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	6	0.93
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	20	0.93
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	8	0.93
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	8	0.93
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	8	0.93
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	18	0.93
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	18	0.93
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	18	0.93
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	14	0.92
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	14	0.92
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	7	0.92
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	7	0.92
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	12	0.92
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	12	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE1	4	0.92
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE2	4	0.92
(1,3304)	1:881:A:ARG:HD2	1:885:A:MET:HE3	4	0.92
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE1	4	0.92
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE2	4	0.92
(1,3304)	1:881:A:ARG:HD3	1:885:A:MET:HE3	4	0.92
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	5	0.92
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	5	0.92
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	8	0.92
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	8	0.92
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	6	0.92
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	6	0.92
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	6	0.92
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	6	0.92
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	18	0.92
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	18	0.92
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	18	0.92
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	18	0.92
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	2	0.92
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	2	0.92
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	11	0.92
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	11	0.92
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	19	0.92
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	19	0.92
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	18	0.92
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	18	0.92
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	3	0.92
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	3	0.92
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	6	0.92
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	6	0.92
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	7	0.92
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	7	0.92
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB2	2	0.92
(1,3199)	1:852:A:LEU:HB3	1:856:A:SER:HB3	2	0.92
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	3	0.92
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	3	0.92
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	9	0.92
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	9	0.92
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	10	0.92
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	10	0.92
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	12	0.92
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	12	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	18	0.92
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	18	0.92
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	2	0.92
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	2	0.92
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	5	0.92
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	5	0.92
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	19	0.92
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	19	0.92
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	11	0.92
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	11	0.92
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	11	0.92
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	11	0.92
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	11	0.92
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	12	0.92
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	12	0.92
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	12	0.92
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	13	0.92
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	13	0.92
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	19	0.92
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	19	0.92
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	16	0.92
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	16	0.92
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	14	0.92
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	14	0.92
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	3	0.92
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	3	0.92
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	18	0.92
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	18	0.92
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	9	0.92
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	10	0.92
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	15	0.92
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	15	0.92
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	15	0.92
(1,2981)	1:889:A:ILE:HG21	1:893:A:GLN:HE22	12	0.92
(1,2981)	1:889:A:ILE:HG22	1:893:A:GLN:HE22	12	0.92
(1,2981)	1:889:A:ILE:HG23	1:893:A:GLN:HE22	12	0.92
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	10	0.92
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	1	0.92
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	7	0.92
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	19	0.92
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	13	0.92
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	13	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	13	0.92
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	10	0.92
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	10	0.92
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	10	0.92
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	19	0.92
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	19	0.92
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	19	0.92
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	19	0.92
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	19	0.92
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	19	0.92
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	18	0.92
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	18	0.92
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	18	0.92
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	8	0.92
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	19	0.92
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	14	0.92
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	14	0.92
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	14	0.92
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	19	0.92
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	19	0.92
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	19	0.92
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	9	0.92
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	9	0.92
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	9	0.92
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	15	0.92
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	15	0.92
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	15	0.92
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	8	0.92
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	8	0.92
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	8	0.92
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	8	0.92
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	17	0.92
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	17	0.92
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	17	0.92
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	3	0.92
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD11	19	0.92
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD12	19	0.92
(1,2638)	1:850:A:PHE:HD1	1:854:A:ILE:HD13	19	0.92
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD11	19	0.92
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD12	19	0.92
(1,2638)	1:850:A:PHE:HD2	1:854:A:ILE:HD13	19	0.92
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	10	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	10	0.92
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	3	0.92
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	3	0.92
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	3	0.92
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	7	0.92
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	7	0.92
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	7	0.92
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	14	0.92
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	14	0.92
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	14	0.92
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	18	0.92
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	18	0.92
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	18	0.92
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	2	0.92
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	2	0.92
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	2	0.92
(1,2605)	1:837:A:LEU:HD21	1:872:A:HIS:HE1	15	0.92
(1,2605)	1:837:A:LEU:HD22	1:872:A:HIS:HE1	15	0.92
(1,2605)	1:837:A:LEU:HD23	1:872:A:HIS:HE1	15	0.92
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	18	0.92
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	18	0.92
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	18	0.92
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	18	0.92
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	7	0.92
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	7	0.92
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	7	0.92
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	7	0.92
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	14	0.92
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	14	0.92
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	10	0.92
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	10	0.92
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	1	0.92
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	1	0.92
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	17	0.92
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	17	0.92
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	3	0.92
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	3	0.92
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	3	0.92
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	4	0.92
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	19	0.92
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE1	20	0.92
(1,2467)	1:877:A:SER:HB2	1:924:A:TYR:HE2	20	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	14	0.92
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	14	0.92
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	13	0.92
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	16	0.92
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	16	0.92
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	4	0.92
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	13	0.92
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	13	0.92
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	11	0.92
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	11	0.92
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	3	0.92
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	3	0.92
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	6	0.92
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	6	0.92
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	6	0.92
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	6	0.92
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD1	10	0.92
(1,2312)	1:867:A:SER:HB2	1:912:A:PHE:HD2	10	0.92
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	10	0.92
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	10	0.92
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	13	0.92
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	13	0.92
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	8	0.92
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	8	0.92
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	11	0.92
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	11	0.92
(1,2266)	1:869:A:VAL:HA	1:872:A:HIS:HD2	10	0.92
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	18	0.92
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	18	0.92
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	7	0.92
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	13	0.92
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	13	0.92
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	13	0.92
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	17	0.92
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	17	0.92
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	17	0.92
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	12	0.92
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	12	0.92
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	12	0.92
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	16	0.92
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	16	0.92
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	16	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	9	0.92
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	9	0.92
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	9	0.92
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	13	0.92
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	6	0.92
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	17	0.92
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	17	0.92
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	17	0.92
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	13	0.92
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	10	0.92
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	17	0.92
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	17	0.92
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	6	0.92
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	17	0.92
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	20	0.92
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	13	0.92
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	13	0.92
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	13	0.92
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	3	0.92
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	3	0.92
(1,2027)	1:910:A:ASN:HA	1:910:A:ASN:HD22	10	0.92
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	4	0.92
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	9	0.92
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	9	0.92
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	9	0.92
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG21	17	0.92
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG22	17	0.92
(1,2009)	1:907:A:THR:H	1:907:A:THR:HG23	17	0.92
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	8	0.92
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	18	0.92
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	18	0.92
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	20	0.92
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	20	0.92
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	14	0.92
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	6	0.92
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	6	0.92
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	19	0.92
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	19	0.92
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	2	0.92
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	2	0.92
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	9	0.92
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	9	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	9	0.92
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	17	0.92
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	17	0.92
(1,1865)	1:851:A:LEU:HD11	1:893:A:GLN:HE22	15	0.92
(1,1865)	1:851:A:LEU:HD12	1:893:A:GLN:HE22	15	0.92
(1,1865)	1:851:A:LEU:HD13	1:893:A:GLN:HE22	15	0.92
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	8	0.92
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	19	0.92
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	19	0.92
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	7	0.92
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	4	0.92
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	15	0.92
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	15	0.92
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	15	0.92
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	1	0.92
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	1	0.92
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	1	0.92
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	9	0.92
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	11	0.92
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	12	0.92
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	19	0.92
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG22	6	0.92
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG23	6	0.92
(1,1781)	1:885:A:MET:H	1:887:A:THR:HG21	6	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	2	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	2	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	2	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	11	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	11	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	11	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	12	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	12	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	12	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	13	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	13	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	13	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	15	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	15	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	15	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	17	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	17	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	17	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	20	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	20	0.92
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	20	0.92
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	1	0.92
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	1	0.92
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	1	0.92
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	16	0.92
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	16	0.92
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	16	0.92
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	8	0.92
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	9	0.92
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	4	0.92
(1,1640)	1:874:A:LEU:H	1:874:A:LEU:HB2	3	0.92
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	8	0.92
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	19	0.92
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	1	0.92
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	1	0.92
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	1	0.92
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	15	0.92
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	15	0.92
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	15	0.92
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	7	0.92
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	12	0.92
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	18	0.92
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	3	0.92
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	6	0.92
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	6	0.92
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	18	0.92
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	15	0.92
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	3	0.92
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	11	0.92
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	11	0.92
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	11	0.92
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	12	0.92
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	12	0.92
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	12	0.92
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	11	0.92
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	18	0.92
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	2	0.92
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	2	0.92
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	13	0.92
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	13	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	4	0.92
(1,1512)	1:862:A:ILE:H	1:862:A:ILE:HB	5	0.92
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	9	0.92
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	3	0.92
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	5	0.92
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	8	0.92
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	1	0.92
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	4	0.92
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	13	0.92
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	15	0.92
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	19	0.92
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	6	0.92
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	12	0.92
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	9	0.92
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	15	0.92
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	19	0.92
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	8	0.92
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	10	0.92
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	7	0.92
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	7	0.92
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	7	0.92
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	7	0.92
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	20	0.92
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	20	0.92
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	20	0.92
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	9	0.92
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	11	0.92
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	13	0.92
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	15	0.92
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	19	0.92
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	14	0.92
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	2	0.92
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	6	0.92
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	13	0.92
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	16	0.92
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	16	0.92
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	16	0.92
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	16	0.92
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	17	0.92
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	12	0.92
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	12	0.92
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	2	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	5	0.92
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	13	0.92
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	7	0.92
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	7	0.92
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	7	0.92
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	3	0.92
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	4	0.92
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	16	0.92
(1,1290)	1:840:A:PHE:H	1:840:A:PHE:HB2	18	0.92
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	14	0.92
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	4	0.92
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	3	0.92
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	13	0.92
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	4	0.92
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	4	0.92
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	4	0.92
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	5	0.92
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	5	0.92
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	5	0.92
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	13	0.92
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	13	0.92
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	13	0.92
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	16	0.92
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	16	0.92
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	10	0.92
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	4	0.92
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	4	0.92
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	15	0.92
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	20	0.92
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	20	0.92
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	20	0.92
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	3	0.92
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	15	0.92
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	3	0.92
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	3	0.92
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	3	0.92
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	11	0.92
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	11	0.92
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	12	0.92
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	12	0.92
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	13	0.92
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	13	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	2	0.92
(1,1143)	1:825:A:CYS:H	1:825:A:CYS:HB3	14	0.92
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	15	0.92
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	3	0.92
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	8	0.92
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	9	0.92
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	20	0.92
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	11	0.92
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	18	0.92
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	11	0.92
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	8	0.92
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	5	0.92
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	14	0.92
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	14	0.92
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	8	0.92
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	15	0.92
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	3	0.92
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	3	0.92
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	4	0.92
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	4	0.92
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	4	0.92
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	6	0.92
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	6	0.92
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	6	0.92
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	12	0.92
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	12	0.92
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	12	0.92
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	18	0.92
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	18	0.92
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	18	0.92
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	19	0.92
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	19	0.92
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	19	0.92
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	1	0.92
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	1	0.92
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	1	0.92
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	5	0.92
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	5	0.92
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	5	0.92
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	14	0.92
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	14	0.92
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	14	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	16	0.92
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	16	0.92
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	16	0.92
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	17	0.92
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	17	0.92
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	17	0.92
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	18	0.92
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	18	0.92
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	18	0.92
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	20	0.92
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	20	0.92
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	20	0.92
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	19	0.92
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	11	0.92
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	11	0.92
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	11	0.92
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	5	0.92
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	7	0.92
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	7	0.92
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	13	0.92
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	13	0.92
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	15	0.92
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	2	0.92
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	16	0.92
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	19	0.92
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	3	0.92
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	9	0.92
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	11	0.92
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	9	0.92
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	18	0.92
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	18	0.92
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	18	0.92
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	15	0.92
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	15	0.92
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	15	0.92
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	10	0.92
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	10	0.92
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	3	0.92
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	3	0.92
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	3	0.92
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	6	0.92
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	6	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	6	0.92
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	14	0.92
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	14	0.92
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	14	0.92
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	15	0.92
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	15	0.92
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	15	0.92
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	10	0.92
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	10	0.92
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	10	0.92
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	10	0.92
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	10	0.92
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	10	0.92
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	15	0.92
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	15	0.92
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	15	0.92
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	15	0.92
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	15	0.92
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	20	0.92
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	20	0.92
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	3	0.92
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	3	0.92
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	3	0.92
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	3	0.92
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	3	0.92
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	3	0.92
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	7	0.92
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	7	0.92
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	7	0.92
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	3	0.92
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	3	0.92
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	3	0.92
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	2	0.92
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	3	0.92
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	15	0.92
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	19	0.92
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	2	0.92
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	4	0.92
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	4	0.92
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	4	0.92
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	7	0.92
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	12	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	12	0.92
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	12	0.92
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	15	0.92
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	15	0.92
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	15	0.92
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	9	0.92
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	9	0.92
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	9	0.92
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	20	0.92
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	20	0.92
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	20	0.92
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	7	0.92
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	10	0.92
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	12	0.92
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	20	0.92
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	9	0.92
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	9	0.92
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	12	0.92
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	12	0.92
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	12	0.92
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	9	0.92
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	9	0.92
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	9	0.92
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	14	0.92
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	14	0.92
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	14	0.92
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	2	0.92
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	2	0.92
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	2	0.92
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	10	0.92
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	10	0.92
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	10	0.92
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	12	0.92
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	12	0.92
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	12	0.92
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	5	0.92
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	5	0.92
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	5	0.92
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	12	0.92
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	12	0.92
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	12	0.92
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	14	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	14	0.92
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	14	0.92
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	6	0.92
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	6	0.92
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	6	0.92
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	6	0.92
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	6	0.92
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	6	0.92
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	1	0.92
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	1	0.92
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	1	0.92
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	16	0.92
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	16	0.92
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	16	0.92
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	2	0.92
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	2	0.92
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	2	0.92
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	6	0.92
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	6	0.92
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	6	0.92
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE2	20	0.92
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE3	20	0.92
(1,536)	1:884:A:MET:HA	1:884:A:MET:HE1	20	0.92
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	5	0.92
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	5	0.92
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	8	0.92
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	8	0.92
(1,509)	1:875:A:TYR:HA	1:878:A:LYS:HE2	11	0.92
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	8	0.92
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	16	0.92
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	8	0.92
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	8	0.92
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	8	0.92
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	4	0.92
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG11	16	0.92
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG12	16	0.92
(1,439)	1:858:A:LYS:HB3	1:869:A:VAL:HG13	16	0.92
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	11	0.92
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	11	0.92
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	11	0.92
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	17	0.92
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	17	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	17	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	3	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	3	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	3	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	10	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	10	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	10	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	16	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	16	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	16	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	19	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	19	0.92
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	19	0.92
(1,357)	1:855:A:GLN:HA	1:858:A:LYS:H	12	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	7	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	7	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	7	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	8	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	8	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	8	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	9	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	9	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	9	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	10	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	10	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	10	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	11	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	11	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	11	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	17	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	17	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	17	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	18	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	18	0.92
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	18	0.92
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	15	0.92
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	15	0.92
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	15	0.92
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	4	0.92
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	4	0.92
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	4	0.92
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	6	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	6	0.92
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	6	0.92
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	9	0.92
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	9	0.92
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	9	0.92
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	5	0.92
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	20	0.92
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	20	0.92
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	20	0.92
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	5	0.92
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	15	0.92
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	7	0.92
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	3	0.92
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	3	0.92
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	20	0.92
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	20	0.92
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	20	0.92
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	9	0.92
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	2	0.92
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	14	0.92
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	19	0.92
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	14	0.92
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	14	0.92
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	14	0.92
(1,217)	1:832:A:THR:HB	1:872:A:HIS:HE1	19	0.92
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	9	0.92
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	9	0.92
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	9	0.92
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	11	0.92
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	11	0.92
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	11	0.92
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	16	0.92
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	16	0.92
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	16	0.92
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	17	0.92
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	17	0.92
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	17	0.92
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	5	0.92
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	5	0.92
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	5	0.92
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	12	0.92
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	12	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	12	0.92
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	20	0.92
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	20	0.92
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	20	0.92
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	18	0.92
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	14	0.92
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	12	0.92
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	12	0.92
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	12	0.92
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	14	0.92
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	14	0.92
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	14	0.92
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	9	0.92
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	9	0.92
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	17	0.92
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	17	0.92
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	18	0.92
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	18	0.92
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	6	0.92
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	6	0.92
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	19	0.92
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	19	0.92
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	1	0.92
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	10	0.92
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	3	0.92
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	3	0.92
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	3	0.92
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB1	16	0.92
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB2	16	0.92
(1,110)	1:812:A:ILE:HA	1:815:A:ALA:HB3	16	0.92
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	8	0.92
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG21	7	0.92
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG22	7	0.92
(1,86)	1:813:A:ILE:H	1:813:A:ILE:HG23	7	0.92
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	9	0.92
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	7	0.92
(1,47)	1:806:A:ALA:HB1	1:807:A:TYR:HB2	10	0.92
(1,47)	1:806:A:ALA:HB2	1:807:A:TYR:HB2	10	0.92
(1,47)	1:806:A:ALA:HB3	1:807:A:TYR:HB2	10	0.92
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	11	0.92
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	11	0.92
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	11	0.92

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	14	0.92
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	14	0.92
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	14	0.92
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	5	0.92
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	5	0.92
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	5	0.92
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG2	9	0.91
(1,3381)	1:921:A:LYS:H	1:922:A:ARG:HG3	9	0.91
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	11	0.91
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	11	0.91
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	12	0.91
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	12	0.91
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	16	0.91
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	16	0.91
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	15	0.91
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	15	0.91
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	20	0.91
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	20	0.91
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	14	0.91
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	14	0.91
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	16	0.91
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	16	0.91
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	16	0.91
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	16	0.91
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	16	0.91
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	16	0.91
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	3	0.91
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	3	0.91
(1,3306)	1:882:A:PHE:HB2	1:883:A:LYS:H	10	0.91
(1,3306)	1:882:A:PHE:HB3	1:883:A:LYS:H	10	0.91
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	8	0.91
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	8	0.91
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	8	0.91
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	8	0.91
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	7	0.91
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	7	0.91
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	8	0.91
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	8	0.91
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	7	0.91
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	7	0.91
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	19	0.91
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	19	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	20	0.91
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	20	0.91
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	18	0.91
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	18	0.91
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	1	0.91
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	1	0.91
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	2	0.91
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	2	0.91
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	2	0.91
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	9	0.91
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	9	0.91
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	9	0.91
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	19	0.91
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	19	0.91
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	7	0.91
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	7	0.91
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	5	0.91
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	5	0.91
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	7	0.91
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	7	0.91
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	8	0.91
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	8	0.91
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	14	0.91
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	14	0.91
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	8	0.91
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	8	0.91
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	8	0.91
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	8	0.91
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	18	0.91
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	18	0.91
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	10	0.91
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	10	0.91
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	8	0.91
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	11	0.91
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	14	0.91
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	16	0.91
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	7	0.91
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	20	0.91
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	20	0.91
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	20	0.91
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	14	0.91
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	9	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	5	0.91
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	8	0.91
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB1	17	0.91
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB2	17	0.91
(1,2925)	1:805:A:ASN:HA	1:806:A:ALA:HB3	17	0.91
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	14	0.91
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	14	0.91
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	18	0.91
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	18	0.91
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	18	0.91
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	11	0.91
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	11	0.91
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	11	0.91
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	5	0.91
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	20	0.91
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	8	0.91
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	20	0.91
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	16	0.91
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	16	0.91
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	16	0.91
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	7	0.91
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	7	0.91
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	7	0.91
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	8	0.91
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	8	0.91
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	8	0.91
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	13	0.91
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	13	0.91
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	13	0.91
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	1	0.91
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	1	0.91
(1,2736)	1:861:A:LEU:HB2	1:862:A:ILE:HA	17	0.91
(1,2736)	1:861:A:LEU:HB3	1:862:A:ILE:HA	17	0.91
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	20	0.91
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	7	0.91
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	7	0.91
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	7	0.91
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	12	0.91
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	12	0.91
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	12	0.91
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	9	0.91
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	9	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	11	0.91
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	11	0.91
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	11	0.91
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	18	0.91
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	18	0.91
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	18	0.91
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	9	0.91
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	19	0.91
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	7	0.91
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	19	0.91
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	20	0.91
(1,2615)	1:837:A:LEU:HD11	1:872:A:HIS:HE1	4	0.91
(1,2615)	1:837:A:LEU:HD12	1:872:A:HIS:HE1	4	0.91
(1,2615)	1:837:A:LEU:HD13	1:872:A:HIS:HE1	4	0.91
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	6	0.91
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	6	0.91
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	6	0.91
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD21	7	0.91
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD22	7	0.91
(1,2611)	1:848:A:ASP:H	1:888:A:LEU:HD23	7	0.91
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	16	0.91
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	16	0.91
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	16	0.91
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	17	0.91
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	17	0.91
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	17	0.91
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	2	0.91
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	2	0.91
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	2	0.91
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	2	0.91
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	2	0.91
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	2	0.91
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	13	0.91
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	20	0.91
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	20	0.91
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	2	0.91
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	19	0.91
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	16	0.91
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	16	0.91
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	1	0.91
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	1	0.91
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	11	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	9	0.91
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	9	0.91
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	2	0.91
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	10	0.91
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	9	0.91
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	9	0.91
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	9	0.91
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	9	0.91
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	9	0.91
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	9	0.91
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	19	0.91
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	19	0.91
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	19	0.91
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	19	0.91
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	19	0.91
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	19	0.91
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	9	0.91
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	9	0.91
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	9	0.91
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	9	0.91
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	9	0.91
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	9	0.91
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	7	0.91
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	7	0.91
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	10	0.91
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	10	0.91
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	11	0.91
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	11	0.91
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	10	0.91
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	10	0.91
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	1	0.91
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	1	0.91
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	1	0.91
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	20	0.91
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	20	0.91
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	20	0.91
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	3	0.91
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	3	0.91
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	13	0.91
(1,2211)	1:886:A:LEU:HD21	1:925:A:GLU:H	18	0.91
(1,2211)	1:886:A:LEU:HD22	1:925:A:GLU:H	18	0.91
(1,2211)	1:886:A:LEU:HD23	1:925:A:GLU:H	18	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	20	0.91
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	20	0.91
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	7	0.91
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	7	0.91
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	7	0.91
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	2	0.91
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	2	0.91
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	2	0.91
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	15	0.91
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	15	0.91
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	15	0.91
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	7	0.91
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	7	0.91
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	17	0.91
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	17	0.91
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	17	0.91
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	3	0.91
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	19	0.91
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	13	0.91
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	13	0.91
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	13	0.91
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	6	0.91
(1,2074)	1:914:A:LEU:HD21	1:915:A:GLU:H	2	0.91
(1,2074)	1:914:A:LEU:HD22	1:915:A:GLU:H	2	0.91
(1,2074)	1:914:A:LEU:HD23	1:915:A:GLU:H	2	0.91
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	14	0.91
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	16	0.91
(1,2046)	1:912:A:PHE:HA	1:913:A:THR:H	4	0.91
(1,2027)	1:910:A:ASN:HA	1:910:A:ASN:HD22	11	0.91
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	14	0.91
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	16	0.91
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	16	0.91
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	4	0.91
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	20	0.91
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	1	0.91
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	13	0.91
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	10	0.91
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	10	0.91
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	18	0.91
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	18	0.91
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	9	0.91
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	9	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	3	0.91
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	7	0.91
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	7	0.91
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	1	0.91
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	11	0.91
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	1	0.91
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	10	0.91
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	13	0.91
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	8	0.91
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	1	0.91
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	1	0.91
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	1	0.91
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	2	0.91
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	2	0.91
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	2	0.91
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	7	0.91
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	7	0.91
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	7	0.91
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	1	0.91
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	17	0.91
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	13	0.91
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	15	0.91
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	16	0.91
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	2	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	3	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	3	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	3	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	4	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	4	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	4	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	6	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	6	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	6	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	10	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	10	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	10	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	16	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	16	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	16	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD11	18	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD12	18	0.91
(1,1772)	1:897:A:ILE:H	1:926:A:LEU:HD13	18	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	8	0.91
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	13	0.91
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	9	0.91
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	4	0.91
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	4	0.91
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	8	0.91
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	8	0.91
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	10	0.91
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	15	0.91
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	15	0.91
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	15	0.91
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	2	0.91
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	16	0.91
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	3	0.91
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	6	0.91
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	19	0.91
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	18	0.91
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD1	18	0.91
(1,1643)	1:874:A:LEU:H	1:875:A:TYR:HD2	18	0.91
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	18	0.91
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	1	0.91
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	9	0.91
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	10	0.91
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	12	0.91
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	17	0.91
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	10	0.91
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	10	0.91
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	10	0.91
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	18	0.91
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	18	0.91
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	4	0.91
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	8	0.91
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	12	0.91
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	16	0.91
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	7	0.91
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	17	0.91
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	6	0.91
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	6	0.91
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	19	0.91
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	18	0.91
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	18	0.91
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	18	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	17	0.91
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	3	0.91
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	3	0.91
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	11	0.91
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	3	0.91
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	10	0.91
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	19	0.91
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	20	0.91
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	12	0.91
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	12	0.91
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	10	0.91
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	10	0.91
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	2	0.91
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	1	0.91
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	6	0.91
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	19	0.91
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	10	0.91
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	13	0.91
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	7	0.91
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	14	0.91
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	12	0.91
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	13	0.91
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	1	0.91
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	1	0.91
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	1	0.91
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	1	0.91
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	8	0.91
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	8	0.91
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	8	0.91
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	2	0.91
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	17	0.91
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	6	0.91
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	9	0.91
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	19	0.91
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	20	0.91
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	15	0.91
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	15	0.91
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	13	0.91
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	13	0.91
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	6	0.91
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	13	0.91
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	20	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	20	0.91
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	1	0.91
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	11	0.91
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	14	0.91
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	14	0.91
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	16	0.91
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	16	0.91
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	16	0.91
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	12	0.91
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	1	0.91
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	6	0.91
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	8	0.91
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	12	0.91
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	12	0.91
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	12	0.91
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	13	0.91
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	13	0.91
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	13	0.91
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	20	0.91
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	16	0.91
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	16	0.91
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	16	0.91
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	2	0.91
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	8	0.91
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	11	0.91
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	17	0.91
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	20	0.91
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	10	0.91
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	10	0.91
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	10	0.91
(1,1239)	1:829:A:LEU:HD11	1:832:A:THR:H	18	0.91
(1,1239)	1:829:A:LEU:HD12	1:832:A:THR:H	18	0.91
(1,1239)	1:829:A:LEU:HD13	1:832:A:THR:H	18	0.91
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	8	0.91
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	8	0.91
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	8	0.91
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	12	0.91
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	12	0.91
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	12	0.91
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	3	0.91
(1,1226)	1:831:A:ILE:H	1:832:A:THR:H	16	0.91
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	4	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1224)	1:831:A:ILE:H	1:832:A:THR:HG1	16	0.91
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	14	0.91
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	12	0.91
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	12	0.91
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	12	0.91
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	17	0.91
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	17	0.91
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	17	0.91
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	1	0.91
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	7	0.91
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	20	0.91
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	17	0.91
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	17	0.91
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	17	0.91
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	1	0.91
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	13	0.91
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	15	0.91
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	16	0.91
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	18	0.91
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	2	0.91
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	2	0.91
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	2	0.91
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD2	6	0.91
(1,1097)	1:819:A:ARG:H	1:819:A:ARG:HD3	6	0.91
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	5	0.91
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	1	0.91
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	1	0.91
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	1	0.91
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	5	0.91
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	5	0.91
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	5	0.91
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	11	0.91
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	11	0.91
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	11	0.91
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	13	0.91
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	13	0.91
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	13	0.91
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	15	0.91
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	15	0.91
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	15	0.91
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	4	0.91
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	4	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	4	0.91
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	11	0.91
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	11	0.91
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	11	0.91
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	16	0.91
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	16	0.91
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	16	0.91
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	10	0.91
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	10	0.91
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	10	0.91
(1,1049)	1:813:A:ILE:HG21	1:815:A:ALA:H	12	0.91
(1,1049)	1:813:A:ILE:HG22	1:815:A:ALA:H	12	0.91
(1,1049)	1:813:A:ILE:HG23	1:815:A:ALA:H	12	0.91
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	5	0.91
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	5	0.91
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	13	0.91
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	13	0.91
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	9	0.91
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	11	0.91
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	11	0.91
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	11	0.91
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	15	0.91
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	15	0.91
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	15	0.91
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	18	0.91
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	18	0.91
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	18	0.91
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	19	0.91
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	19	0.91
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	19	0.91
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	3	0.91
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	3	0.91
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	3	0.91
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	18	0.91
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	18	0.91
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	18	0.91
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	9	0.91
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	9	0.91
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	9	0.91
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	9	0.91
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	6	0.91
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	6	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	15	0.91
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	15	0.91
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	19	0.91
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	19	0.91
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	18	0.91
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	11	0.91
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	10	0.91
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	10	0.91
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	16	0.91
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	12	0.91
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	12	0.91
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	12	0.91
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	9	0.91
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	9	0.91
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	9	0.91
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	9	0.91
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	9	0.91
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	9	0.91
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	9	0.91
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	10	0.91
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	10	0.91
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	10	0.91
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	10	0.91
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	10	0.91
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	10	0.91
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	8	0.91
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	8	0.91
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	8	0.91
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	9	0.91
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	9	0.91
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	9	0.91
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	17	0.91
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	17	0.91
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	17	0.91
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	18	0.91
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	18	0.91
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	18	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	1	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	1	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	1	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	2	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	2	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	7	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	7	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	7	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	9	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	9	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	9	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	10	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	10	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	10	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	12	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	12	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	12	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	16	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	16	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	16	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	17	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	17	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	17	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	19	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	19	0.91
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	19	0.91
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	5	0.91
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	5	0.91
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	5	0.91
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	8	0.91
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	8	0.91
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	8	0.91
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	9	0.91
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	9	0.91
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	9	0.91
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	17	0.91
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	17	0.91
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	17	0.91
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	3	0.91
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	3	0.91
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	3	0.91
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	6	0.91
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	6	0.91
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	6	0.91
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	20	0.91
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	20	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	20	0.91
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	20	0.91
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	20	0.91
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	20	0.91
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	14	0.91
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	14	0.91
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	12	0.91
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	2	0.91
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	2	0.91
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	4	0.91
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	4	0.91
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	6	0.91
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	6	0.91
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	12	0.91
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	12	0.91
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	7	0.91
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	7	0.91
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	7	0.91
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	11	0.91
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	11	0.91
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	11	0.91
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	11	0.91
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	11	0.91
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	11	0.91
(1,760)	1:914:A:LEU:HD21	1:918:A:GLN:HG2	3	0.91
(1,760)	1:914:A:LEU:HD22	1:918:A:GLN:HG2	3	0.91
(1,760)	1:914:A:LEU:HD23	1:918:A:GLN:HG2	3	0.91
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	5	0.91
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	5	0.91
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	5	0.91
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	17	0.91
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	17	0.91
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	17	0.91
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	18	0.91
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	18	0.91
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	18	0.91
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	12	0.91
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	12	0.91
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	12	0.91
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	2	0.91
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	2	0.91
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	11	0.91
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	11	0.91
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	11	0.91
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	2	0.91
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	8	0.91
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	8	0.91
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	8	0.91
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	20	0.91
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	20	0.91
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	20	0.91
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG2	20	0.91
(1,618)	1:894:A:LYS:HA	1:894:A:LYS:HG3	20	0.91
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	9	0.91
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	9	0.91
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	9	0.91
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	4	0.91
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	4	0.91
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	4	0.91
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	12	0.91
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	12	0.91
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	12	0.91
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	17	0.91
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	17	0.91
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	17	0.91
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	11	0.91
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	11	0.91
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	11	0.91
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	11	0.91
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	11	0.91
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	11	0.91
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	13	0.91
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	13	0.91
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	7	0.91
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	7	0.91
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	7	0.91
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	4	0.91
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	4	0.91
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	4	0.91
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	12	0.91
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	12	0.91
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	12	0.91
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD2	19	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,505)	1:878:A:LYS:HA	1:878:A:LYS:HD3	19	0.91
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	9	0.91
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	3	0.91
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	11	0.91
(1,456)	1:871:A:GLN:HA	1:874:A:LEU:HB2	5	0.91
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	12	0.91
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	5	0.91
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	5	0.91
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	5	0.91
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	14	0.91
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	8	0.91
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	11	0.91
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB2	15	0.91
(1,406)	1:863:A:GLU:HA	1:863:A:GLU:HB3	15	0.91
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	19	0.91
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	19	0.91
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	19	0.91
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	13	0.91
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	13	0.91
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	13	0.91
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	6	0.91
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	6	0.91
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	6	0.91
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	8	0.91
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	8	0.91
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	8	0.91
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	14	0.91
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	14	0.91
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	14	0.91
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	1	0.91
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	1	0.91
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	5	0.91
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	5	0.91
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	2	0.91
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	2	0.91
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	2	0.91
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	6	0.91
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	6	0.91
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	6	0.91
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD21	12	0.91
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD22	12	0.91
(1,354)	1:855:A:GLN:HA	1:896:A:LEU:HD23	12	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	3	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	3	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	3	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	5	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	5	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	5	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	7	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	7	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	7	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	8	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	8	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	8	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	9	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	9	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	9	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	10	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	10	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	10	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	12	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	12	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	12	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	14	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	14	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	14	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	16	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	16	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	16	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	17	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	17	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	17	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	19	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	19	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	19	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	20	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	20	0.91
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	20	0.91
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	6	0.91
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	6	0.91
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	6	0.91
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	19	0.91
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	19	0.91
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	19	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	1	0.91
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	1	0.91
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	1	0.91
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD11	13	0.91
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD12	13	0.91
(1,301)	1:851:A:LEU:HA	1:851:A:LEU:HD13	13	0.91
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	5	0.91
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	5	0.91
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	5	0.91
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	16	0.91
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	16	0.91
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	16	0.91
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	6	0.91
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	6	0.91
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	18	0.91
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	18	0.91
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	12	0.91
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	12	0.91
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG2	11	0.91
(1,274)	1:846:A:GLU:HA	1:846:A:GLU:HG3	11	0.91
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD11	17	0.91
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD12	17	0.91
(1,270)	1:845:A:LEU:HA	1:845:A:LEU:HD13	17	0.91
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	16	0.91
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	16	0.91
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	16	0.91
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	1	0.91
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	16	0.91
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	16	0.91
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	16	0.91
(1,234)	1:833:A:ALA:HB3	1:872:A:HIS:HE1	18	0.91
(1,234)	1:833:A:ALA:HB1	1:872:A:HIS:HE1	18	0.91
(1,234)	1:833:A:ALA:HB2	1:872:A:HIS:HE1	18	0.91
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	8	0.91
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	8	0.91
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	8	0.91
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD21	3	0.91
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD22	3	0.91
(1,189)	1:829:A:LEU:HB3	1:829:A:LEU:HD23	3	0.91
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	4	0.91
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	4	0.91
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	4	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	8	0.91
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	8	0.91
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	8	0.91
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	1	0.91
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	1	0.91
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	1	0.91
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	5	0.91
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	5	0.91
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	5	0.91
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	8	0.91
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	8	0.91
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	8	0.91
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	9	0.91
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	9	0.91
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	9	0.91
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	10	0.91
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	10	0.91
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	10	0.91
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	11	0.91
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	11	0.91
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	11	0.91
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	14	0.91
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	14	0.91
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	14	0.91
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	18	0.91
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	18	0.91
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	18	0.91
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	2	0.91
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	2	0.91
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	2	0.91
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	7	0.91
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	7	0.91
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	12	0.91
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	18	0.91
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	18	0.91
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	3	0.91
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	11	0.91
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	11	0.91
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	2	0.91
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	12	0.91
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	12	0.91
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	12	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	10	0.91
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	10	0.91
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	10	0.91
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	16	0.91
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	19	0.91
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	10	0.91
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	6	0.91
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	6	0.91
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	6	0.91
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	15	0.91
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	15	0.91
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	15	0.91
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	8	0.91
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	19	0.91
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	19	0.91
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	19	0.91
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	19	0.91
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	19	0.91
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	19	0.91
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	1	0.91
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	1	0.91
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	1	0.91
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	4	0.91
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	4	0.91
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	4	0.91
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	5	0.9
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	5	0.9
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	9	0.9
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	9	0.9
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	10	0.9
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	10	0.9
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	17	0.9
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	17	0.9
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	6	0.9
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	6	0.9
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB2	14	0.9
(1,3328)	1:895:A:GLU:H	1:895:A:GLU:HB3	14	0.9
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	11	0.9
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	11	0.9
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	13	0.9
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	13	0.9
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	13	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	13	0.9
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	13	0.9
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	13	0.9
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	18	0.9
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	18	0.9
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	14	0.9
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	14	0.9
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	14	0.9
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	14	0.9
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	14	0.9
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	14	0.9
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	18	0.9
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	18	0.9
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	5	0.9
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	5	0.9
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	14	0.9
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	14	0.9
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	17	0.9
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	17	0.9
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	6	0.9
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	6	0.9
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	18	0.9
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	18	0.9
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	8	0.9
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	8	0.9
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	17	0.9
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	17	0.9
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	2	0.9
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	2	0.9
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	13	0.9
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	13	0.9
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	13	0.9
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	13	0.9
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	4	0.9
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	4	0.9
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	20	0.9
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	20	0.9
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	12	0.9
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	15	0.9
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	19	0.9
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	4	0.9
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	4	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	4	0.9
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	14	0.9
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	14	0.9
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	14	0.9
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	3	0.9
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	3	0.9
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	3	0.9
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	4	0.9
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	4	0.9
(1,2966)	1:863:A:GLU:HB2	1:864:A:LYS:H	7	0.9
(1,2966)	1:863:A:GLU:HB3	1:864:A:LYS:H	7	0.9
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	8	0.9
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	7	0.9
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	9	0.9
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	14	0.9
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	5	0.9
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	2	0.9
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	2	0.9
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	20	0.9
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	20	0.9
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	12	0.9
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	12	0.9
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	12	0.9
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	7	0.9
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD11	7	0.9
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD12	7	0.9
(1,2852)	1:912:A:PHE:HB2	1:917:A:ILE:HD13	7	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	7	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	7	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	7	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	14	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	14	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	14	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	15	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	15	0.9
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	15	0.9
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	16	0.9
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	17	0.9
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	17	0.9
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	17	0.9
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	1	0.9
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	1	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	1	0.9
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	5	0.9
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	5	0.9
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	5	0.9
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	12	0.9
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	12	0.9
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	12	0.9
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	17	0.9
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	17	0.9
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	17	0.9
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	12	0.9
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	12	0.9
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	12	0.9
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	7	0.9
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	7	0.9
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	7	0.9
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	3	0.9
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	6	0.9
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	19	0.9
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	19	0.9
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	19	0.9
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	12	0.9
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	12	0.9
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	5	0.9
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	19	0.9
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	20	0.9
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	6	0.9
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	6	0.9
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	6	0.9
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	9	0.9
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	9	0.9
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	9	0.9
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	4	0.9
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	4	0.9
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	4	0.9
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	5	0.9
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	5	0.9
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	5	0.9
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	10	0.9
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	10	0.9
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	10	0.9
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	12	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	12	0.9
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	12	0.9
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	1	0.9
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	1	0.9
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	1	0.9
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	1	0.9
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	5	0.9
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	5	0.9
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	5	0.9
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	5	0.9
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	12	0.9
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	12	0.9
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	12	0.9
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	12	0.9
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	14	0.9
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	14	0.9
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	14	0.9
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	14	0.9
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	4	0.9
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	6	0.9
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	15	0.9
(1,2643)	1:911:A:HIS:H	1:911:A:HIS:HD2	16	0.9
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	2	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	1	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	1	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	1	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	3	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	3	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	3	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	4	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	4	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	4	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	6	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	6	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	6	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	8	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	8	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	8	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	9	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	9	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	9	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	11	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	11	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	13	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	13	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	13	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	20	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	20	0.9
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	20	0.9
(1,2585)	1:912:A:PHE:HD1	1:917:A:ILE:HG13	16	0.9
(1,2585)	1:912:A:PHE:HD2	1:917:A:ILE:HG13	16	0.9
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	1	0.9
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	1	0.9
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	2	0.9
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	2	0.9
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	2	0.9
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	13	0.9
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	13	0.9
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	13	0.9
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	15	0.9
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	20	0.9
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	20	0.9
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	12	0.9
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	12	0.9
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	6	0.9
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	1	0.9
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	1	0.9
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	3	0.9
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	3	0.9
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	20	0.9
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	20	0.9
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	12	0.9
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	12	0.9
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	3	0.9
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	3	0.9
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	5	0.9
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	5	0.9
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	3	0.9
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	2	0.9
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	9	0.9
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	14	0.9
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	16	0.9
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	1	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	1	0.9
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	15	0.9
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	15	0.9
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	10	0.9
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	20	0.9
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	20	0.9
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	12	0.9
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	12	0.9
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	13	0.9
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	13	0.9
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	15	0.9
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	15	0.9
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	15	0.9
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	15	0.9
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	15	0.9
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	15	0.9
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	3	0.9
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	3	0.9
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	14	0.9
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	14	0.9
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	18	0.9
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	18	0.9
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	14	0.9
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	14	0.9
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	7	0.9
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	7	0.9
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	8	0.9
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	8	0.9
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	3	0.9
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	3	0.9
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	7	0.9
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	7	0.9
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	15	0.9
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	15	0.9
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	2	0.9
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	7	0.9
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	14	0.9
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	6	0.9
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	6	0.9
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	5	0.9
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	20	0.9
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	10	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	10	0.9
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	10	0.9
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	12	0.9
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	12	0.9
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	12	0.9
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	18	0.9
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	18	0.9
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	18	0.9
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	14	0.9
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	18	0.9
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	5	0.9
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	5	0.9
(1,2095)	1:912:A:PHE:HD1	1:917:A:ILE:H	19	0.9
(1,2095)	1:912:A:PHE:HD2	1:917:A:ILE:H	19	0.9
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	12	0.9
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	14	0.9
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	8	0.9
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	6	0.9
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	6	0.9
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	7	0.9
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	5	0.9
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	5	0.9
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	5	0.9
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	8	0.9
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	8	0.9
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	8	0.9
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	5	0.9
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	5	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	1	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	1	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	1	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	2	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	2	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	2	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	4	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	4	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	4	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	5	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	5	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	5	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	9	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	9	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	9	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	11	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	11	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	11	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	18	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	18	0.9
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	18	0.9
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	19	0.9
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	19	0.9
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	1	0.9
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	4	0.9
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	4	0.9
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	4	0.9
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	7	0.9
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	7	0.9
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	9	0.9
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	9	0.9
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	12	0.9
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	12	0.9
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	12	0.9
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	12	0.9
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	12	0.9
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	12	0.9
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	20	0.9
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	20	0.9
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	20	0.9
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	18	0.9
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	18	0.9
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	18	0.9
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	13	0.9
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	14	0.9
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	20	0.9
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	17	0.9
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	6	0.9
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	6	0.9
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	19	0.9
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	4	0.9
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	4	0.9
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	4	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	8	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	8	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	8	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	10	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	10	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	10	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	12	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	12	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	12	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	13	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	13	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	13	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	15	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	15	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	15	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	17	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	17	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	17	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	18	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	18	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	18	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	19	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	19	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	19	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	20	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	20	0.9
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	20	0.9
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	19	0.9
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	8	0.9
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	17	0.9
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	20	0.9
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD21	6	0.9
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD22	6	0.9
(1,1779)	1:885:A:MET:H	1:888:A:LEU:HD23	6	0.9
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	16	0.9
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	18	0.9
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	19	0.9
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	19	0.9
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	19	0.9
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	6	0.9
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	7	0.9
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	11	0.9
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	12	0.9
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	20	0.9
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	10	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	14	0.9
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	2	0.9
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	7	0.9
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	20	0.9
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	11	0.9
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	11	0.9
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	11	0.9
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	1	0.9
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD22	11	0.9
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD23	11	0.9
(1,1622)	1:873:A:LEU:H	1:873:A:LEU:HD21	11	0.9
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	11	0.9
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	11	0.9
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	11	0.9
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	2	0.9
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	13	0.9
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	14	0.9
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	7	0.9
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	9	0.9
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	10	0.9
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	11	0.9
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	14	0.9
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	9	0.9
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	1	0.9
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	1	0.9
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	1	0.9
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	7	0.9
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	7	0.9
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	7	0.9
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	9	0.9
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	1	0.9
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	1	0.9
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	5	0.9
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	20	0.9
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	17	0.9
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	8	0.9
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	17	0.9
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	12	0.9
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	8	0.9
(1,1470)	1:858:A:LYS:H	1:858:A:LYS:HB3	12	0.9
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	16	0.9
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	13	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	4	0.9
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	15	0.9
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	4	0.9
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	18	0.9
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	18	0.9
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	2	0.9
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	18	0.9
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	3	0.9
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	3	0.9
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	3	0.9
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	16	0.9
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	16	0.9
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	16	0.9
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	17	0.9
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	17	0.9
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	17	0.9
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	4	0.9
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	4	0.9
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	4	0.9
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	5	0.9
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	5	0.9
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	5	0.9
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	18	0.9
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	8	0.9
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	5	0.9
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	9	0.9
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	4	0.9
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	4	0.9
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	16	0.9
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	14	0.9
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	14	0.9
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	10	0.9
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	9	0.9
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	9	0.9
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	9	0.9
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	4	0.9
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	17	0.9
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	6	0.9
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	6	0.9
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	6	0.9
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	4	0.9
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	19	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	10	0.9
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	4	0.9
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	8	0.9
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	9	0.9
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	19	0.9
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	6	0.9
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	6	0.9
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	7	0.9
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	7	0.9
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	3	0.9
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	3	0.9
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	3	0.9
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	17	0.9
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	17	0.9
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	17	0.9
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	8	0.9
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	8	0.9
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	8	0.9
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	2	0.9
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	4	0.9
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	13	0.9
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD21	16	0.9
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD22	16	0.9
(1,1154)	1:826:A:ALA:H	1:829:A:LEU:HD23	16	0.9
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	3	0.9
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	3	0.9
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	10	0.9
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	10	0.9
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	5	0.9
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	4	0.9
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	4	0.9
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	4	0.9
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	8	0.9
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	8	0.9
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	8	0.9
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	9	0.9
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	9	0.9
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	9	0.9
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	11	0.9
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	11	0.9
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	11	0.9
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	19	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	19	0.9
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	19	0.9
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	1	0.9
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	9	0.9
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	6	0.9
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	6	0.9
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	4	0.9
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	8	0.9
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	8	0.9
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	8	0.9
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	8	0.9
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	8	0.9
(1,1068)	1:816:A:LEU:HD21	1:817:A:SER:H	10	0.9
(1,1068)	1:816:A:LEU:HD22	1:817:A:SER:H	10	0.9
(1,1068)	1:816:A:LEU:HD23	1:817:A:SER:H	10	0.9
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	8	0.9
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	8	0.9
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	13	0.9
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	19	0.9
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	19	0.9
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	19	0.9
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	1	0.9
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	1	0.9
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	1	0.9
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	13	0.9
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	13	0.9
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	13	0.9
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	3	0.9
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	3	0.9
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	3	0.9
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	7	0.9
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	7	0.9
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	7	0.9
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	11	0.9
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	11	0.9
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	11	0.9
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	13	0.9
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	13	0.9
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	13	0.9
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	16	0.9
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	16	0.9
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	16	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	6	0.9
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	6	0.9
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	9	0.9
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	9	0.9
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	11	0.9
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	11	0.9
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	4	0.9
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	9	0.9
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	9	0.9
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	5	0.9
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	15	0.9
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	15	0.9
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	9	0.9
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	5	0.9
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	4	0.9
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	5	0.9
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	10	0.9
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	10	0.9
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	10	0.9
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	3	0.9
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	3	0.9
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	3	0.9
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	19	0.9
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	19	0.9
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	19	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	7	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	7	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	7	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	8	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	8	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	8	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	9	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	9	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	9	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	15	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	15	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	15	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	16	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	16	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	16	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	17	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	17	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	17	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	18	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	18	0.9
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	18	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	8	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	8	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	8	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	13	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	13	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	13	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	14	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	14	0.9
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	14	0.9
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	1	0.9
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	1	0.9
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	1	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	4	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	4	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	4	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	5	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	5	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	5	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	11	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	11	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	11	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	13	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	13	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	13	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	18	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	18	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	18	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	20	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	20	0.9
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	20	0.9
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	7	0.9
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	7	0.9
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	7	0.9
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	16	0.9
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	16	0.9
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	16	0.9
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	8	0.9
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	8	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	8	0.9
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	12	0.9
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	12	0.9
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	12	0.9
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	14	0.9
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	14	0.9
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	14	0.9
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	5	0.9
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	5	0.9
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	5	0.9
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	20	0.9
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	20	0.9
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	20	0.9
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	7	0.9
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	7	0.9
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	19	0.9
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	19	0.9
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	17	0.9
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	17	0.9
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	17	0.9
(1,726)	1:913:A:THR:HG21	1:915:A:GLU:H	4	0.9
(1,726)	1:913:A:THR:HG22	1:915:A:GLU:H	4	0.9
(1,726)	1:913:A:THR:HG23	1:915:A:GLU:H	4	0.9
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	9	0.9
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	9	0.9
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	9	0.9
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	11	0.9
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	11	0.9
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	11	0.9
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	19	0.9
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	19	0.9
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	19	0.9
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	8	0.9
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	8	0.9
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	8	0.9
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	19	0.9
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	19	0.9
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	19	0.9
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	15	0.9
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	15	0.9
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	15	0.9
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	5	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	12	0.9
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB3	10	0.9
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB1	10	0.9
(1,605)	1:916:A:ASP:HA	1:919:A:ALA:HB2	10	0.9
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	7	0.9
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	7	0.9
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	7	0.9
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD12	16	0.9
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD13	16	0.9
(1,568)	1:886:A:LEU:HB3	1:886:A:LEU:HD11	16	0.9
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG2	9	0.9
(1,566)	1:886:A:LEU:HD12	1:925:A:GLU:HG3	9	0.9
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG2	9	0.9
(1,566)	1:886:A:LEU:HD13	1:925:A:GLU:HG3	9	0.9
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG2	9	0.9
(1,566)	1:886:A:LEU:HD11	1:925:A:GLU:HG3	9	0.9
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	5	0.9
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	5	0.9
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	17	0.9
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	17	0.9
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	18	0.9
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	18	0.9
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	18	0.9
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	12	0.9
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	12	0.9
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	12	0.9
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	16	0.9
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	16	0.9
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	16	0.9
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	5	0.9
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	17	0.9
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	7	0.9
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	7	0.9
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE1	17	0.9
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE2	17	0.9
(1,527)	1:881:A:ARG:HD3	1:885:A:MET:HE3	17	0.9
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	14	0.9
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	3	0.9
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	18	0.9
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	17	0.9
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	18	0.9
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG21	8	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG22	8	0.9
(1,445)	1:862:A:ILE:HA	1:869:A:VAL:HG23	8	0.9
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	13	0.9
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	14	0.9
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	8	0.9
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	8	0.9
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	8	0.9
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	13	0.9
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	13	0.9
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	13	0.9
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	7	0.9
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	7	0.9
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	7	0.9
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	2	0.9
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	2	0.9
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	2	0.9
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	5	0.9
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	5	0.9
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	5	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	2	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	2	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	2	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	4	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	4	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	4	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	11	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	11	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	11	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	13	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	13	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	13	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	18	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	18	0.9
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	18	0.9
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	4	0.9
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	4	0.9
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	4	0.9
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	7	0.9
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	7	0.9
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	7	0.9
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	11	0.9
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	11	0.9
(1,326)	1:854:A:ILE:HG21	1:897:A:ILE:HG13	6	0.9
(1,326)	1:854:A:ILE:HG22	1:897:A:ILE:HG13	6	0.9
(1,326)	1:854:A:ILE:HG23	1:897:A:ILE:HG13	6	0.9
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	6	0.9
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	6	0.9
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	6	0.9
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	14	0.9
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	14	0.9
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	14	0.9
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	3	0.9
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	3	0.9
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	3	0.9
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	7	0.9
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	7	0.9
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	7	0.9
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	14	0.9
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	14	0.9
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	14	0.9
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	7	0.9
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	7	0.9
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	7	0.9
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	7	0.9
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	7	0.9
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	14	0.9
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	14	0.9
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	14	0.9
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	17	0.9
(1,204)	1:830:A:ALA:HB1	1:831:A:ILE:HA	7	0.9
(1,204)	1:830:A:ALA:HB2	1:831:A:ILE:HA	7	0.9
(1,204)	1:830:A:ALA:HB3	1:831:A:ILE:HA	7	0.9
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	14	0.9
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	14	0.9
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	14	0.9
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	15	0.9
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	15	0.9
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	15	0.9
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD23	17	0.9
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD21	17	0.9
(1,182)	1:828:A:LEU:H	1:828:A:LEU:HD22	17	0.9
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	3	0.9
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	3	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	3	0.9
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	6	0.9
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	6	0.9
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	6	0.9
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	13	0.9
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	13	0.9
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	13	0.9
(1,163)	1:826:A:ALA:HB1	1:828:A:LEU:H	15	0.9
(1,163)	1:826:A:ALA:HB2	1:828:A:LEU:H	15	0.9
(1,163)	1:826:A:ALA:HB3	1:828:A:LEU:H	15	0.9
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	17	0.9
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	1	0.9
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	3	0.9
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	3	0.9
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	3	0.9
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	4	0.9
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	4	0.9
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	4	0.9
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	17	0.9
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	17	0.9
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	17	0.9
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	15	0.9
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	15	0.9
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	14	0.9
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	14	0.9
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	14	0.9
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	14	0.9
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	14	0.9
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	14	0.9
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	6	0.9
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	6	0.9
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	6	0.9
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	17	0.9
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	17	0.9
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	17	0.9
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	11	0.9
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	11	0.9
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	11	0.9
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	13	0.9
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	13	0.9
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	13	0.9
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	14	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	14	0.9
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	14	0.9
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	19	0.9
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	19	0.9
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	19	0.9
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	4	0.9
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	4	0.9
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	4	0.9
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	11	0.9
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	11	0.9
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	11	0.9
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	2	0.9
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	2	0.9
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	2	0.9
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	14	0.9
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	14	0.9
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	14	0.9
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	20	0.9
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	20	0.9
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	20	0.9
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	11	0.9
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	11	0.9
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	11	0.9
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	19	0.9
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	19	0.9
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	19	0.9
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	16	0.89
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	16	0.89
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	2	0.89
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	2	0.89
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	7	0.89
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	7	0.89
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	7	0.89
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	7	0.89
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	15	0.89
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	15	0.89
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	19	0.89
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	19	0.89
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	20	0.89
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	20	0.89
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	3	0.89
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	3	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	9	0.89
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	9	0.89
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	12	0.89
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	12	0.89
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD2	4	0.89
(1,3275)	1:875:A:TYR:HD1	1:878:A:LYS:HD3	4	0.89
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD2	4	0.89
(1,3275)	1:875:A:TYR:HD2	1:878:A:LYS:HD3	4	0.89
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	1	0.89
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	1	0.89
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	8	0.89
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	8	0.89
(1,3169)	1:847:A:GLY:HA2	1:885:A:MET:HG3	1	0.89
(1,3169)	1:847:A:GLY:HA3	1:885:A:MET:HG3	1	0.89
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	16	0.89
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	16	0.89
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	17	0.89
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	17	0.89
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	5	0.89
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	5	0.89
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	13	0.89
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	13	0.89
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	13	0.89
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	13	0.89
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	13	0.89
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	13	0.89
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	18	0.89
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	18	0.89
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	1	0.89
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	1	0.89
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	11	0.89
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	11	0.89
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	16	0.89
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	16	0.89
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	5	0.89
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	5	0.89
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	3	0.89
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	3	0.89
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	16	0.89
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	7	0.89
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	12	0.89
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	6	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	6	0.89
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	6	0.89
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	7	0.89
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	7	0.89
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	7	0.89
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	16	0.89
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	16	0.89
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	16	0.89
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	13	0.89
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	13	0.89
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	13	0.89
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	18	0.89
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	18	0.89
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	18	0.89
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	14	0.89
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	9	0.89
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	7	0.89
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	1	0.89
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	6	0.89
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	1	0.89
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	4	0.89
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	10	0.89
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	11	0.89
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	18	0.89
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	6	0.89
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	6	0.89
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	4	0.89
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	4	0.89
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	7	0.89
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	7	0.89
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	7	0.89
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	11	0.89
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	11	0.89
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	11	0.89
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	13	0.89
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	19	0.89
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD11	4	0.89
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD12	4	0.89
(1,2816)	1:837:A:LEU:HB3	1:841:A:LEU:HD13	4	0.89
(1,2792)	1:829:A:LEU:HD21	1:853:A:LEU:HA	4	0.89
(1,2792)	1:829:A:LEU:HD22	1:853:A:LEU:HA	4	0.89
(1,2792)	1:829:A:LEU:HD23	1:853:A:LEU:HA	4	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	1	0.89
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	17	0.89
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	2	0.89
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	2	0.89
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	2	0.89
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	5	0.89
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	5	0.89
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	5	0.89
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	5	0.89
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	5	0.89
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	5	0.89
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	15	0.89
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	15	0.89
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	15	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	10	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	10	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	10	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	11	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	11	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	11	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	16	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	16	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	16	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	18	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	18	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	18	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD11	19	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD12	19	0.89
(1,2755)	1:896:A:LEU:HA	1:896:A:LEU:HD13	19	0.89
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	9	0.89
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	9	0.89
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	9	0.89
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	18	0.89
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	18	0.89
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	1	0.89
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	8	0.89
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	10	0.89
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	10	0.89
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	10	0.89
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	13	0.89
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	13	0.89
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	13	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	19	0.89
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	19	0.89
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	19	0.89
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	2	0.89
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	2	0.89
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	2	0.89
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	13	0.89
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	13	0.89
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	13	0.89
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	15	0.89
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	15	0.89
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	15	0.89
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	3	0.89
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	3	0.89
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	3	0.89
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	3	0.89
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	2	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	10	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	10	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	10	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	12	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	12	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	12	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	15	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	15	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	15	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	19	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	19	0.89
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	19	0.89
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	3	0.89
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	6	0.89
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	6	0.89
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	6	0.89
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	5	0.89
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	17	0.89
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	9	0.89
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	9	0.89
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	15	0.89
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	15	0.89
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	11	0.89
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	11	0.89
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE2	16	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2524)	1:876:A:LEU:HG	1:882:A:PHE:HE1	16	0.89
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	9	0.89
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	9	0.89
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	9	0.89
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	9	0.89
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	9	0.89
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	8	0.89
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	16	0.89
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG2	5	0.89
(1,2497)	1:822:A:LYS:H	1:823:A:GLU:HG3	5	0.89
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	8	0.89
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	8	0.89
(1,2449)	1:810:A:GLY:HA2	1:813:A:ILE:H	14	0.89
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	12	0.89
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	1	0.89
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	1	0.89
(1,2422)	1:809:A:PHE:HE2	1:841:A:LEU:HA	19	0.89
(1,2422)	1:809:A:PHE:HE1	1:841:A:LEU:HA	19	0.89
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	20	0.89
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	20	0.89
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	9	0.89
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	9	0.89
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	5	0.89
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	5	0.89
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	9	0.89
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	9	0.89
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	10	0.89
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	10	0.89
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	10	0.89
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	10	0.89
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	17	0.89
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	17	0.89
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	7	0.89
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	7	0.89
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	7	0.89
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	7	0.89
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	7	0.89
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	7	0.89
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD21	6	0.89
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD22	6	0.89
(1,2319)	1:882:A:PHE:HD1	1:886:A:LEU:HD23	6	0.89
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD21	6	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD22	6	0.89
(1,2319)	1:882:A:PHE:HD2	1:886:A:LEU:HD23	6	0.89
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	14	0.89
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	14	0.89
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	16	0.89
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	16	0.89
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	16	0.89
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	16	0.89
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	9	0.89
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	9	0.89
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	12	0.89
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	6	0.89
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	6	0.89
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	14	0.89
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	14	0.89
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	5	0.89
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	5	0.89
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	5	0.89
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	7	0.89
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	7	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	4	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	4	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	4	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	5	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	5	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	5	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	8	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	8	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	8	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	16	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	16	0.89
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	16	0.89
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	15	0.89
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	8	0.89
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	15	0.89
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	1	0.89
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	1	0.89
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	6	0.89
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	14	0.89
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	4	0.89
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	6	0.89
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	6	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	6	0.89
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG21	3	0.89
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG22	3	0.89
(1,2053)	1:913:A:THR:H	1:913:A:THR:HG23	3	0.89
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	4	0.89
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	4	0.89
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	14	0.89
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	14	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	3	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	3	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	3	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	8	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	8	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	8	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	10	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	10	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	10	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG21	14	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG22	14	0.89
(1,2032)	1:912:A:PHE:H	1:913:A:THR:HG23	14	0.89
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	11	0.89
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	11	0.89
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	2	0.89
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	2	0.89
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	6	0.89
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	6	0.89
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	19	0.89
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	14	0.89
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	14	0.89
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	11	0.89
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	19	0.89
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	7	0.89
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	7	0.89
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	7	0.89
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	7	0.89
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	7	0.89
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	10	0.89
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	10	0.89
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	10	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	3	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	3	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	3	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	4	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	4	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	4	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	5	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	5	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	5	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	6	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	6	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	6	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	9	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	9	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	9	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	11	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	11	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	11	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	14	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	14	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	14	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD12	16	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD13	16	0.89
(1,1801)	1:887:A:THR:H	1:889:A:ILE:HD11	16	0.89
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	2	0.89
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	4	0.89
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	2	0.89
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	18	0.89
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	16	0.89
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	5	0.89
(1,1759)	1:882:A:PHE:HD1	1:883:A:LYS:H	16	0.89
(1,1759)	1:882:A:PHE:HD2	1:883:A:LYS:H	16	0.89
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	19	0.89
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	19	0.89
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	3	0.89
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	3	0.89
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	12	0.89
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	12	0.89
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	14	0.89
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	14	0.89
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	15	0.89
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	7	0.89
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	14	0.89
(1,1642)	1:874:A:LEU:H	1:876:A:LEU:H	12	0.89
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	3	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	13	0.89
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	14	0.89
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	17	0.89
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	17	0.89
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	17	0.89
(1,1630)	1:870:A:TYR:HA	1:873:A:LEU:H	8	0.89
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	3	0.89
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	12	0.89
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	14	0.89
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	9	0.89
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	10	0.89
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	18	0.89
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	3	0.89
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	1	0.89
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	2	0.89
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	12	0.89
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	20	0.89
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	8	0.89
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	13	0.89
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	13	0.89
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	13	0.89
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	19	0.89
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	19	0.89
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	19	0.89
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	13	0.89
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	3	0.89
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	5	0.89
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	15	0.89
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	15	0.89
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	3	0.89
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	7	0.89
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	16	0.89
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	18	0.89
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	5	0.89
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	5	0.89
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	13	0.89
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	7	0.89
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	15	0.89
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	11	0.89
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	20	0.89
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	11	0.89
(1,1448)	1:854:A:ILE:H	1:856:A:SER:H	8	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	19	0.89
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	14	0.89
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	14	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	2	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	2	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	2	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	8	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	8	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	8	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	11	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	11	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	11	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	14	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	14	0.89
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	14	0.89
(1,1421)	1:853:A:LEU:HD23	1:854:A:ILE:H	17	0.89
(1,1421)	1:853:A:LEU:HD21	1:854:A:ILE:H	17	0.89
(1,1421)	1:853:A:LEU:HD22	1:854:A:ILE:H	17	0.89
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	1	0.89
(1,1418)	1:854:A:ILE:H	1:854:A:ILE:HB	18	0.89
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	5	0.89
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	4	0.89
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	3	0.89
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	12	0.89
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	15	0.89
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	19	0.89
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	6	0.89
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	6	0.89
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	18	0.89
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	18	0.89
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	18	0.89
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	19	0.89
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	19	0.89
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	19	0.89
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	20	0.89
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	20	0.89
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	20	0.89
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	6	0.89
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	6	0.89
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	5	0.89
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	10	0.89
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	10	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	13	0.89
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	13	0.89
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	17	0.89
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	1	0.89
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	7	0.89
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	11	0.89
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	19	0.89
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	16	0.89
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	16	0.89
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	16	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	2	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	2	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	2	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	3	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	3	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	3	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	5	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	5	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	5	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	9	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	9	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	9	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	12	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	12	0.89
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	12	0.89
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	2	0.89
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	20	0.89
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	18	0.89
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	2	0.89
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	2	0.89
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	2	0.89
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	3	0.89
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	3	0.89
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	3	0.89
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	5	0.89
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	5	0.89
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	5	0.89
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	7	0.89
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	7	0.89
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	7	0.89
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	16	0.89
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	16	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	16	0.89
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	20	0.89
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	20	0.89
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	20	0.89
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	16	0.89
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	16	0.89
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	19	0.89
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	19	0.89
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	16	0.89
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	17	0.89
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	3	0.89
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	3	0.89
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	3	0.89
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	9	0.89
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	9	0.89
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	9	0.89
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	4	0.89
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	3	0.89
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	3	0.89
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	3	0.89
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	4	0.89
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	4	0.89
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	4	0.89
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	6	0.89
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	6	0.89
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	6	0.89
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	1	0.89
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	1	0.89
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	1	0.89
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	2	0.89
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	2	0.89
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	2	0.89
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	4	0.89
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	4	0.89
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	4	0.89
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	5	0.89
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	5	0.89
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	5	0.89
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	6	0.89
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	6	0.89
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	6	0.89
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	9	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	9	0.89
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	9	0.89
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	14	0.89
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	14	0.89
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	14	0.89
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	15	0.89
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	15	0.89
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	15	0.89
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	19	0.89
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	19	0.89
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	19	0.89
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	10	0.89
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	7	0.89
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	7	0.89
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	7	0.89
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	3	0.89
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	3	0.89
(1,1010)	1:811:A:GLN:HB2	1:811:A:GLN:HE22	16	0.89
(1,1010)	1:811:A:GLN:HB3	1:811:A:GLN:HE22	16	0.89
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	16	0.89
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	16	0.89
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	6	0.89
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	2	0.89
(1,988)	1:805:A:ASN:H	1:809:A:PHE:H	7	0.89
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	15	0.89
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	20	0.89
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	17	0.89
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	14	0.89
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	16	0.89
(1,955)	1:805:A:ASN:HA	1:806:A:ALA:H	10	0.89
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	6	0.89
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	7	0.89
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	8	0.89
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	6	0.89
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	6	0.89
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	11	0.89
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	11	0.89
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	18	0.89
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	18	0.89
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	7	0.89
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	7	0.89
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	7	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	16	0.89
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	16	0.89
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	11	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	5	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	5	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	5	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	6	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	6	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	6	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	10	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	10	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	10	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	11	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	11	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	11	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	12	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	12	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	12	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	13	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	13	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	13	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	19	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	19	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	19	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	20	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	20	0.89
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	20	0.89
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	11	0.89
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	11	0.89
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	11	0.89
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD21	8	0.89
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD22	8	0.89
(1,847)	1:904:A:LEU:HB2	1:904:A:LEU:HD23	8	0.89
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	3	0.89
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	3	0.89
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	3	0.89
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	20	0.89
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	20	0.89
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	20	0.89
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	4	0.89
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	4	0.89
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	4	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	7	0.89
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	7	0.89
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	7	0.89
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	9	0.89
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	9	0.89
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	9	0.89
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	1	0.89
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	1	0.89
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	1	0.89
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	13	0.89
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	13	0.89
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	13	0.89
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	14	0.89
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	14	0.89
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	14	0.89
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	8	0.89
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	8	0.89
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	8	0.89
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	10	0.89
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	10	0.89
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	10	0.89
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	17	0.89
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	17	0.89
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	17	0.89
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	2	0.89
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	2	0.89
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	2	0.89
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	5	0.89
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	5	0.89
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	5	0.89
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	8	0.89
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	8	0.89
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	8	0.89
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	10	0.89
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	10	0.89
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	10	0.89
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	13	0.89
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	13	0.89
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	13	0.89
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	18	0.89
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	18	0.89
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	18	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	20	0.89
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	20	0.89
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	20	0.89
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	5	0.89
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	5	0.89
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	5	0.89
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	11	0.89
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	17	0.89
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	17	0.89
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	1	0.89
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	5	0.89
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	5	0.89
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	5	0.89
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	18	0.89
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	18	0.89
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	18	0.89
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	1	0.89
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	1	0.89
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	1	0.89
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	19	0.89
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	15	0.89
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	11	0.89
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	11	0.89
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	11	0.89
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	1	0.89
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	1	0.89
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	1	0.89
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	14	0.89
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	14	0.89
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	14	0.89
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	14	0.89
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	14	0.89
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	14	0.89
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	16	0.89
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	16	0.89
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	16	0.89
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	16	0.89
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	16	0.89
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	16	0.89
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	20	0.89
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	20	0.89
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	20	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	20	0.89
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	20	0.89
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	20	0.89
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	8	0.89
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	8	0.89
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	11	0.89
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	11	0.89
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	19	0.89
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	19	0.89
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	12	0.89
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	12	0.89
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	12	0.89
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	15	0.89
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	15	0.89
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	15	0.89
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	8	0.89
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	8	0.89
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	8	0.89
(1,498)	1:875:A:TYR:HA	1:877:A:SER:H	4	0.89
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	1	0.89
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	1	0.89
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	1	0.89
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	1	0.89
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	12	0.89
(1,405)	1:862:A:ILE:HD11	1:904:A:LEU:H	13	0.89
(1,405)	1:862:A:ILE:HD12	1:904:A:LEU:H	13	0.89
(1,405)	1:862:A:ILE:HD13	1:904:A:LEU:H	13	0.89
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	2	0.89
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	2	0.89
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	2	0.89
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	10	0.89
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	10	0.89
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	10	0.89
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	16	0.89
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	16	0.89
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	16	0.89
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	4	0.89
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	4	0.89
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	4	0.89
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	14	0.89
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	14	0.89
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD11	1	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD12	1	0.89
(1,346)	1:854:A:ILE:HB	1:854:A:ILE:HD13	1	0.89
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	15	0.89
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	15	0.89
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	15	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	2	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	2	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	2	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	9	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	9	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	9	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	10	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	10	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	10	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	12	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	12	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	12	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	13	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	13	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	13	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	16	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	16	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	16	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	20	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	20	0.89
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	20	0.89
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	2	0.89
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	2	0.89
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	2	0.89
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD21	4	0.89
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD22	4	0.89
(1,312)	1:817:A:SER:H	1:852:A:LEU:HD23	4	0.89
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	2	0.89
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	2	0.89
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	2	0.89
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	2	0.89
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	2	0.89
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	2	0.89
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	4	0.89
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	4	0.89
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	4	0.89
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	5	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	5	0.89
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	5	0.89
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	12	0.89
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	12	0.89
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	12	0.89
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	19	0.89
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	19	0.89
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	19	0.89
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	14	0.89
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	1	0.89
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	1	0.89
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	12	0.89
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	12	0.89
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	15	0.89
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	15	0.89
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	1	0.89
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	1	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	1	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	1	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	1	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	2	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	2	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	2	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	3	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	3	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	3	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	4	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	4	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	4	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	10	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	10	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	10	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	15	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	15	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	15	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	18	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	18	0.89
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	18	0.89
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	20	0.89
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	20	0.89
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	15	0.89
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	15	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	15	0.89
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	11	0.89
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	17	0.89
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	1	0.89
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	1	0.89
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	1	0.89
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	8	0.89
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	8	0.89
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	8	0.89
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	11	0.89
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	11	0.89
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	11	0.89
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	12	0.89
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	12	0.89
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	12	0.89
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	16	0.89
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	16	0.89
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	16	0.89
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	19	0.89
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	19	0.89
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	19	0.89
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	14	0.89
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	14	0.89
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	14	0.89
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	5	0.89
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	5	0.89
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	8	0.89
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	8	0.89
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	1	0.89
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	1	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	1	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	1	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	1	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	5	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	5	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	5	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	11	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	11	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	11	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	13	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	13	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	13	0.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	18	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	18	0.89
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	18	0.89
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	1	0.89
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	1	0.89
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	1	0.89
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	3	0.89
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	5	0.89
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	6	0.89
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	1	0.89
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	1	0.89
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	1	0.89
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	9	0.89
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	9	0.89
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	9	0.89
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	12	0.89
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	12	0.89
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	12	0.89
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD2	20	0.89
(1,42)	1:806:A:ALA:HB1	1:809:A:PHE:HD1	20	0.89
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD2	20	0.89
(1,42)	1:806:A:ALA:HB2	1:809:A:PHE:HD1	20	0.89
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD2	20	0.89
(1,42)	1:806:A:ALA:HB3	1:809:A:PHE:HD1	20	0.89
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	5	0.89
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	6	0.89
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	6	0.89
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	6	0.89
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	9	0.89
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	9	0.89
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	9	0.89
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	17	0.89
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	17	0.89
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	17	0.89
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	7	0.89
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	7	0.89
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	7	0.89
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	13	0.89
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	13	0.89
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	13	0.89
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	1	0.88
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	1	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	8	0.88
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	8	0.88
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	4	0.88
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	4	0.88
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	14	0.88
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	14	0.88
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	4	0.88
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	4	0.88
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	12	0.88
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	12	0.88
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	12	0.88
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	12	0.88
(1,3283)	1:877:A:SER:HB2	1:878:A:LYS:H	5	0.88
(1,3283)	1:877:A:SER:HB3	1:878:A:LYS:H	5	0.88
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	6	0.88
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	6	0.88
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	8	0.88
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	8	0.88
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	18	0.88
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	18	0.88
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	8	0.88
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	8	0.88
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	9	0.88
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	9	0.88
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	20	0.88
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	20	0.88
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	8	0.88
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	8	0.88
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	16	0.88
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	16	0.88
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	15	0.88
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	15	0.88
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	19	0.88
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	19	0.88
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	1	0.88
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	1	0.88
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	16	0.88
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	16	0.88
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	2	0.88
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	2	0.88
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	11	0.88
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	11	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	12	0.88
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	12	0.88
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	12	0.88
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	12	0.88
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	12	0.88
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	12	0.88
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	17	0.88
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	11	0.88
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	17	0.88
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	17	0.88
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	17	0.88
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	3	0.88
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	3	0.88
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	3	0.88
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	10	0.88
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	10	0.88
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	10	0.88
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	20	0.88
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	20	0.88
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	20	0.88
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	17	0.88
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	20	0.88
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	15	0.88
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	19	0.88
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	19	0.88
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	8	0.88
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	19	0.88
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	19	0.88
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	19	0.88
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	15	0.88
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	15	0.88
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	18	0.88
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	18	0.88
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	14	0.88
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	14	0.88
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	14	0.88
(1,2888)	1:845:A:LEU:HD21	1:882:A:PHE:HA	5	0.88
(1,2888)	1:845:A:LEU:HD22	1:882:A:PHE:HA	5	0.88
(1,2888)	1:845:A:LEU:HD23	1:882:A:PHE:HA	5	0.88
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	11	0.88
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	11	0.88
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	11	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	19	0.88
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	19	0.88
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	19	0.88
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	18	0.88
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	14	0.88
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	15	0.88
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	10	0.88
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	10	0.88
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	10	0.88
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	18	0.88
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	18	0.88
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	18	0.88
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	11	0.88
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	8	0.88
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	8	0.88
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	8	0.88
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	18	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	1	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	1	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	1	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	2	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	2	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	2	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	3	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	3	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	3	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	15	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	15	0.88
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	15	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	3	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	3	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	3	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	8	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	8	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	8	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	9	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	9	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	9	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	20	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	20	0.88
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	20	0.88
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	1	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	5	0.88
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	13	0.88
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	15	0.88
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	13	0.88
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	13	0.88
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	13	0.88
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	13	0.88
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	13	0.88
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	13	0.88
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	2	0.88
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	2	0.88
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	2	0.88
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD11	5	0.88
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD12	5	0.88
(1,2609)	1:859:A:ASN:H	1:862:A:ILE:HD13	5	0.88
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	17	0.88
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	16	0.88
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	13	0.88
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	13	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	1	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	1	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	1	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	10	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	10	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	10	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	12	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	12	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	12	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	18	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	18	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	18	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	19	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	19	0.88
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	19	0.88
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	15	0.88
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	14	0.88
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE1	10	0.88
(1,2538)	1:803:A:PRO:HB2	1:840:A:PHE:HE2	10	0.88
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	10	0.88
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	19	0.88
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	11	0.88
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	11	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	2	0.88
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	7	0.88
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	7	0.88
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD1	20	0.88
(1,2510)	1:871:A:GLN:HB2	1:875:A:TYR:HD2	20	0.88
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD1	20	0.88
(1,2510)	1:871:A:GLN:HB3	1:875:A:TYR:HD2	20	0.88
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	13	0.88
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	17	0.88
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	4	0.88
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	4	0.88
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	7	0.88
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	4	0.88
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	15	0.88
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	19	0.88
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	7	0.88
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	7	0.88
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	13	0.88
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	13	0.88
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	6	0.88
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	7	0.88
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	18	0.88
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	18	0.88
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	18	0.88
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	20	0.88
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	20	0.88
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	14	0.88
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	6	0.88
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	6	0.88
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	4	0.88
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	4	0.88
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	13	0.88
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	13	0.88
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	18	0.88
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	18	0.88
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	20	0.88
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	20	0.88
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	13	0.88
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	13	0.88
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	18	0.88
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	18	0.88
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	16	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	16	0.88
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	10	0.88
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	10	0.88
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	10	0.88
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	10	0.88
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	10	0.88
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	10	0.88
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	20	0.88
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	20	0.88
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	20	0.88
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	20	0.88
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	20	0.88
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	20	0.88
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	10	0.88
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	10	0.88
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	10	0.88
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	10	0.88
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	13	0.88
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	17	0.88
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	18	0.88
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	3	0.88
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	3	0.88
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	6	0.88
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	6	0.88
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	12	0.88
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	11	0.88
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	5	0.88
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	5	0.88
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	5	0.88
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	6	0.88
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	6	0.88
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	6	0.88
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	12	0.88
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	12	0.88
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	11	0.88
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	11	0.88
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	14	0.88
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	14	0.88
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	8	0.88
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	19	0.88
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	19	0.88
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	19	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	1	0.88
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	10	0.88
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	12	0.88
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	12	0.88
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	7	0.88
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	10	0.88
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	12	0.88
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	11	0.88
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	11	0.88
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	11	0.88
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	19	0.88
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	19	0.88
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	19	0.88
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	4	0.88
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	4	0.88
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	4	0.88
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	8	0.88
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	10	0.88
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD1	1	0.88
(1,2037)	1:912:A:PHE:H	1:912:A:PHE:HD2	1	0.88
(1,1993)	1:905:A:SER:H	1:905:A:SER:HB2	8	0.88
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	19	0.88
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	19	0.88
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	1	0.88
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	1	0.88
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	14	0.88
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	14	0.88
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	15	0.88
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	15	0.88
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	6	0.88
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	6	0.88
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	1	0.88
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	1	0.88
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	1	0.88
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	11	0.88
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	11	0.88
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	11	0.88
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	17	0.88
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	17	0.88
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	4	0.88
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	1	0.88
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	14	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	18	0.88
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	19	0.88
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	13	0.88
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	13	0.88
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	13	0.88
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	17	0.88
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	17	0.88
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	17	0.88
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	12	0.88
(1,1798)	1:886:A:LEU:H	1:887:A:THR:H	15	0.88
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	1	0.88
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	2	0.88
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	3	0.88
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	9	0.88
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	13	0.88
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	2	0.88
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	4	0.88
(1,1784)	1:885:A:MET:H	1:885:A:MET:HG2	6	0.88
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	1	0.88
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	1	0.88
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	7	0.88
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	2	0.88
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	10	0.88
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	10	0.88
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	19	0.88
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	19	0.88
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	1	0.88
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	17	0.88
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	11	0.88
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	16	0.88
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	17	0.88
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	5	0.88
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	4	0.88
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	5	0.88
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	15	0.88
(1,1638)	1:873:A:LEU:HB2	1:874:A:LEU:H	16	0.88
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	18	0.88
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	5	0.88
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	5	0.88
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	15	0.88
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	8	0.88
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	3	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	5	0.88
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	19	0.88
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	5	0.88
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	16	0.88
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD21	2	0.88
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD22	2	0.88
(1,1566)	1:868:A:LEU:H	1:868:A:LEU:HD23	2	0.88
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	10	0.88
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	10	0.88
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	10	0.88
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	15	0.88
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	15	0.88
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	15	0.88
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	16	0.88
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	16	0.88
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	16	0.88
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	12	0.88
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	16	0.88
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	17	0.88
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	12	0.88
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	4	0.88
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	13	0.88
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	2	0.88
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	19	0.88
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	5	0.88
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	10	0.88
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	15	0.88
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	17	0.88
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	4	0.88
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	9	0.88
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	3	0.88
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	11	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	1	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	1	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	1	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	10	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	10	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	10	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	12	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	12	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	12	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	15	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	15	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	15	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	18	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	18	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	18	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	19	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	19	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	19	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	20	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	20	0.88
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	20	0.88
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	3	0.88
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	18	0.88
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	18	0.88
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	18	0.88
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	1	0.88
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	4	0.88
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	11	0.88
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	17	0.88
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	13	0.88
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	17	0.88
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	17	0.88
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	11	0.88
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	11	0.88
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	11	0.88
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	6	0.88
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	20	0.88
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	20	0.88
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	20	0.88
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	4	0.88
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	4	0.88
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	5	0.88
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	5	0.88
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	5	0.88
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	9	0.88
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	9	0.88
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG21	17	0.88
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG22	17	0.88
(1,1235)	1:832:A:THR:H	1:832:A:THR:HG23	17	0.88
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	7	0.88
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	11	0.88
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	12	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	20	0.88
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	3	0.88
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	3	0.88
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	11	0.88
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	11	0.88
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	1	0.88
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	1	0.88
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	1	0.88
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	8	0.88
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	8	0.88
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	8	0.88
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	15	0.88
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	15	0.88
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	15	0.88
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	5	0.88
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	5	0.88
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	5	0.88
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	10	0.88
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	10	0.88
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	10	0.88
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	14	0.88
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	14	0.88
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	14	0.88
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	16	0.88
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	2	0.88
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	19	0.88
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	3	0.88
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	11	0.88
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	11	0.88
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	1	0.88
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	1	0.88
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	1	0.88
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	10	0.88
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	10	0.88
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	10	0.88
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	12	0.88
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	12	0.88
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	12	0.88
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	14	0.88
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	14	0.88
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	14	0.88
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	17	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	17	0.88
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	17	0.88
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	7	0.88
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	4	0.88
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	17	0.88
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	9	0.88
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	5	0.88
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	14	0.88
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	14	0.88
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	14	0.88
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	13	0.88
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	13	0.88
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	13	0.88
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	15	0.88
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	15	0.88
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	8	0.88
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	8	0.88
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	8	0.88
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	10	0.88
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	10	0.88
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	10	0.88
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	12	0.88
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	12	0.88
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	12	0.88
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	18	0.88
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	18	0.88
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	18	0.88
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	20	0.88
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	20	0.88
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	20	0.88
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	3	0.88
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	7	0.88
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	7	0.88
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	18	0.88
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	18	0.88
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	3	0.88
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	16	0.88
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	17	0.88
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	5	0.88
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	18	0.88
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	9	0.88
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	13	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	6	0.88
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	1	0.88
(1,926)	1:803:A:PRO:HA	1:804:A:ASN:H	18	0.88
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	7	0.88
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	8	0.88
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	8	0.88
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	20	0.88
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	20	0.88
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	1	0.88
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	1	0.88
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	1	0.88
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	8	0.88
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	8	0.88
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	8	0.88
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	15	0.88
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	18	0.88
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	19	0.88
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	19	0.88
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	13	0.88
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	17	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	1	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	1	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	1	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	2	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	2	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	2	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	3	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	3	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	3	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	4	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	4	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	4	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD23	14	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD21	14	0.88
(1,863)	1:853:A:LEU:HA	1:853:A:LEU:HD22	14	0.88
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	20	0.88
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	20	0.88
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	20	0.88
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	11	0.88
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	11	0.88
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	11	0.88
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	1	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	1	0.88
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	1	0.88
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	11	0.88
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	11	0.88
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	11	0.88
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD11	6	0.88
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD12	6	0.88
(1,826)	1:873:A:LEU:HB2	1:904:A:LEU:HD13	6	0.88
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	1	0.88
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	1	0.88
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	7	0.88
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	5	0.88
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	5	0.88
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	5	0.88
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	6	0.88
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	6	0.88
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	6	0.88
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	1	0.88
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	1	0.88
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	1	0.88
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	1	0.88
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	3	0.88
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	3	0.88
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	3	0.88
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	4	0.88
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	4	0.88
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	4	0.88
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	6	0.88
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	6	0.88
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	6	0.88
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	7	0.88
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	7	0.88
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	7	0.88
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	14	0.88
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	14	0.88
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	14	0.88
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	15	0.88
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	15	0.88
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	15	0.88
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	16	0.88
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	16	0.88
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	16	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,720)	1:907:A:THR:HG21	1:908:A:PRO:HD3	19	0.88
(1,720)	1:907:A:THR:HG22	1:908:A:PRO:HD3	19	0.88
(1,720)	1:907:A:THR:HG23	1:908:A:PRO:HD3	19	0.88
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	15	0.88
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	15	0.88
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	15	0.88
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	4	0.88
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	6	0.88
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	13	0.88
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	14	0.88
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	14	0.88
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	5	0.88
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	9	0.88
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	11	0.88
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	16	0.88
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	18	0.88
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	13	0.88
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	13	0.88
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	2	0.88
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	2	0.88
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	2	0.88
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	2	0.88
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	2	0.88
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	2	0.88
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	4	0.88
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	4	0.88
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	4	0.88
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	4	0.88
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	4	0.88
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	4	0.88
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	3	0.88
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	3	0.88
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	3	0.88
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	20	0.88
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	20	0.88
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	20	0.88
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	1	0.88
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	1	0.88
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	1	0.88
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	3	0.88
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	3	0.88
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	3	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	17	0.88
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	17	0.88
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	17	0.88
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	9	0.88
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	9	0.88
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	9	0.88
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	5	0.88
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	5	0.88
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	5	0.88
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	5	0.88
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	5	0.88
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	5	0.88
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	9	0.88
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	9	0.88
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE1	3	0.88
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE2	3	0.88
(1,548)	1:881:A:ARG:HD2	1:885:A:MET:HE3	3	0.88
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	12	0.88
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	12	0.88
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	9	0.88
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	15	0.88
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	17	0.88
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	5	0.88
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	5	0.88
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	5	0.88
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	11	0.88
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	11	0.88
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	11	0.88
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	5	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	1	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	1	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	1	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	5	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	5	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	5	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	6	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	6	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	6	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	7	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	7	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	7	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	11	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	11	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	11	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	13	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	13	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	13	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	15	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	15	0.88
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	15	0.88
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	19	0.88
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	19	0.88
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	19	0.88
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	1	0.88
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	1	0.88
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	1	0.88
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG21	7	0.88
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG22	7	0.88
(1,387)	1:862:A:ILE:H	1:862:A:ILE:HG23	7	0.88
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	17	0.88
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	17	0.88
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	4	0.88
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	4	0.88
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	4	0.88
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD11	7	0.88
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD12	7	0.88
(1,345)	1:853:A:LEU:HG	1:854:A:ILE:HD13	7	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	1	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	1	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	1	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	3	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	3	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	3	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	5	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	5	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	5	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	6	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	6	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	6	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	14	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	14	0.88
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	14	0.88
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	13	0.88
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	13	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	13	0.88
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	7	0.88
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	7	0.88
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	7	0.88
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	15	0.88
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	15	0.88
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	15	0.88
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	3	0.88
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	3	0.88
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	3	0.88
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	6	0.88
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	6	0.88
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	6	0.88
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	9	0.88
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	9	0.88
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	9	0.88
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	13	0.88
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	13	0.88
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	13	0.88
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	15	0.88
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	15	0.88
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	15	0.88
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	18	0.88
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	18	0.88
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	18	0.88
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	20	0.88
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	20	0.88
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	20	0.88
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	7	0.88
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	17	0.88
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	14	0.88
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	14	0.88
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	17	0.88
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	17	0.88
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	8	0.88
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	8	0.88
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	8	0.88
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	17	0.88
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	17	0.88
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	17	0.88
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	5	0.88
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	18	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	10	0.88
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	6	0.88
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	6	0.88
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	6	0.88
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	18	0.88
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	18	0.88
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	18	0.88
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	20	0.88
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	20	0.88
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	20	0.88
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD21	5	0.88
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD22	5	0.88
(1,188)	1:829:A:LEU:HG	1:857:A:LEU:HD23	5	0.88
(1,172)	1:829:A:LEU:HA	1:831:A:ILE:H	18	0.88
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	6	0.88
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	6	0.88
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	6	0.88
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	13	0.88
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	13	0.88
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	13	0.88
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	20	0.88
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	20	0.88
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	20	0.88
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	1	0.88
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	1	0.88
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	6	0.88
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	6	0.88
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	11	0.88
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	11	0.88
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	11	0.88
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	11	0.88
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	16	0.88
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	16	0.88
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	17	0.88
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	17	0.88
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	13	0.88
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	13	0.88
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	13	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	2	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	2	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	2	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	3	0.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	3	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	3	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	4	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	4	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	4	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	8	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	8	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	8	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	9	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	9	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	9	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	14	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	14	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	14	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	15	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	15	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	15	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	20	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	20	0.88
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	20	0.88
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	14	0.88
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	17	0.88
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	17	0.88
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	2	0.88
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	2	0.88
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	2	0.88
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	1	0.88
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	20	0.88
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	20	0.88
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	20	0.88
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	2	0.88
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	2	0.88
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	2	0.88
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	10	0.88
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	10	0.88
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	10	0.88
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	12	0.88
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	12	0.88
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	12	0.88
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	13	0.87
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	13	0.87
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	19	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	19	0.87
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	1	0.87
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	1	0.87
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG2	1	0.87
(1,3329)	1:895:A:GLU:H	1:895:A:GLU:HG3	1	0.87
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	8	0.87
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	8	0.87
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	7	0.87
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	7	0.87
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	10	0.87
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	10	0.87
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	13	0.87
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	13	0.87
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	15	0.87
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	15	0.87
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	1	0.87
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	1	0.87
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	15	0.87
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	15	0.87
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	7	0.87
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	7	0.87
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	6	0.87
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	6	0.87
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG12	15	0.87
(1,3181)	1:851:A:LEU:HA	1:854:A:ILE:HG13	15	0.87
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	19	0.87
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	19	0.87
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	5	0.87
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	5	0.87
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	4	0.87
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	4	0.87
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	1	0.87
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	1	0.87
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	3	0.87
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	3	0.87
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	19	0.87
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	19	0.87
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE3	18	0.87
(1,3124)	1:835:A:LYS:HG2	1:835:A:LYS:HE2	18	0.87
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE3	18	0.87
(1,3124)	1:835:A:LYS:HG3	1:835:A:LYS:HE2	18	0.87
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	18	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	18	0.87
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	18	0.87
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	12	0.87
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	12	0.87
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	3	0.87
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	3	0.87
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	16	0.87
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	16	0.87
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	18	0.87
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	18	0.87
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	19	0.87
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	19	0.87
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	17	0.87
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	17	0.87
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	17	0.87
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	17	0.87
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	14	0.87
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	14	0.87
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	16	0.87
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	16	0.87
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	5	0.87
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	5	0.87
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	3	0.87
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	4	0.87
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	6	0.87
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	10	0.87
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	13	0.87
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	16	0.87
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	3	0.87
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	3	0.87
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	3	0.87
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	5	0.87
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	5	0.87
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	5	0.87
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	6	0.87
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	6	0.87
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	6	0.87
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	7	0.87
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	7	0.87
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	7	0.87
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	12	0.87
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	12	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	12	0.87
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	14	0.87
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	14	0.87
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	14	0.87
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	17	0.87
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	17	0.87
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	17	0.87
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	8	0.87
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	8	0.87
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	8	0.87
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	12	0.87
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	2	0.87
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	13	0.87
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	8	0.87
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	4	0.87
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	13	0.87
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	6	0.87
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	9	0.87
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	9	0.87
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	9	0.87
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	1	0.87
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	1	0.87
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	1	0.87
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	8	0.87
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	8	0.87
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	8	0.87
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	15	0.87
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	15	0.87
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	15	0.87
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	9	0.87
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	12	0.87
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	3	0.87
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	12	0.87
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	14	0.87
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	17	0.87
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	17	0.87
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	17	0.87
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	1	0.87
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	1	0.87
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	1	0.87
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	4	0.87
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	12	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	19	0.87
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	5	0.87
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	7	0.87
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	4	0.87
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	4	0.87
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	4	0.87
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	12	0.87
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	12	0.87
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	12	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	1	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	1	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	1	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	6	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	6	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	6	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	7	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	7	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	7	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	16	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	16	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	16	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	17	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	17	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	17	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD13	19	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD11	19	0.87
(1,2683)	1:874:A:LEU:H	1:874:A:LEU:HD12	19	0.87
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	8	0.87
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	8	0.87
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	8	0.87
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	14	0.87
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	19	0.87
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	4	0.87
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	4	0.87
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	4	0.87
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	18	0.87
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	18	0.87
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	18	0.87
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	9	0.87
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	9	0.87
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	9	0.87
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	9	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	15	0.87
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	15	0.87
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	15	0.87
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	7	0.87
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	7	0.87
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	7	0.87
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	7	0.87
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	2	0.87
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	18	0.87
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	18	0.87
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	9	0.87
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	9	0.87
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	1	0.87
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	1	0.87
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	11	0.87
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	11	0.87
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	7	0.87
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	7	0.87
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	8	0.87
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	8	0.87
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	10	0.87
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	10	0.87
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	10	0.87
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	19	0.87
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	3	0.87
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	12	0.87
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	5	0.87
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	14	0.87
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	10	0.87
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	11	0.87
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	12	0.87
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	11	0.87
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	11	0.87
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	16	0.87
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	16	0.87
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	1	0.87
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	1	0.87
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	13	0.87
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	13	0.87
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	11	0.87
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	11	0.87
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	12	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	12	0.87
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	2	0.87
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	2	0.87
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	2	0.87
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	2	0.87
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	13	0.87
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	13	0.87
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	15	0.87
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD1	18	0.87
(1,2248)	1:873:A:LEU:HB3	1:924:A:TYR:HD2	18	0.87
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	3	0.87
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	3	0.87
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	19	0.87
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	19	0.87
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	19	0.87
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	13	0.87
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	13	0.87
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	19	0.87
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	19	0.87
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	7	0.87
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	7	0.87
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	7	0.87
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	11	0.87
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	11	0.87
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	11	0.87
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	16	0.87
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	7	0.87
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	9	0.87
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	12	0.87
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	6	0.87
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	6	0.87
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	10	0.87
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	10	0.87
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	2	0.87
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	2	0.87
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	1	0.87
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	9	0.87
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	9	0.87
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	17	0.87
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	17	0.87
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	17	0.87
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	12	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	18	0.87
(1,2027)	1:910:A:ASN:HA	1:910:A:ASN:HD22	2	0.87
(1,2027)	1:910:A:ASN:HA	1:910:A:ASN:HD22	5	0.87
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	2	0.87
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	2	0.87
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	20	0.87
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	20	0.87
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	7	0.87
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	7	0.87
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	9	0.87
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	9	0.87
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	1	0.87
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	6	0.87
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	9	0.87
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	16	0.87
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	8	0.87
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	8	0.87
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	9	0.87
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	9	0.87
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	2	0.87
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	2	0.87
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	1	0.87
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	2	0.87
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	4	0.87
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	3	0.87
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	3	0.87
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	4	0.87
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	4	0.87
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	4	0.87
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	12	0.87
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	13	0.87
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	13	0.87
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	6	0.87
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	20	0.87
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	3	0.87
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	14	0.87
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	14	0.87
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	14	0.87
(1,1822)	1:888:A:LEU:HD21	1:889:A:ILE:H	19	0.87
(1,1822)	1:888:A:LEU:HD22	1:889:A:ILE:H	19	0.87
(1,1822)	1:888:A:LEU:HD23	1:889:A:ILE:H	19	0.87
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	3	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	3	0.87
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	3	0.87
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	3	0.87
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	3	0.87
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	3	0.87
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	11	0.87
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	1	0.87
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	5	0.87
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	17	0.87
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	18	0.87
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	2	0.87
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	5	0.87
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	12	0.87
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	14	0.87
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	20	0.87
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	17	0.87
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	18	0.87
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	15	0.87
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	15	0.87
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	14	0.87
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	14	0.87
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	19	0.87
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	19	0.87
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	7	0.87
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	9	0.87
(1,1714)	1:878:A:LYS:HB2	1:879:A:ALA:H	16	0.87
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	3	0.87
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	4	0.87
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	8	0.87
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	10	0.87
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	13	0.87
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	14	0.87
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	3	0.87
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	6	0.87
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	6	0.87
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	6	0.87
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	9	0.87
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	9	0.87
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	9	0.87
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	5	0.87
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	5	0.87
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	18	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	10	0.87
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	16	0.87
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	12	0.87
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	4	0.87
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	17	0.87
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	17	0.87
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	17	0.87
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	14	0.87
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	4	0.87
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	15	0.87
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	7	0.87
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	9	0.87
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	11	0.87
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	6	0.87
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	6	0.87
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	6	0.87
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	20	0.87
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	20	0.87
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	20	0.87
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	1	0.87
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	14	0.87
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	1	0.87
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	9	0.87
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	3	0.87
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	3	0.87
(1,1471)	1:857:A:LEU:HB3	1:858:A:LYS:H	20	0.87
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	2	0.87
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	3	0.87
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	18	0.87
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	7	0.87
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	10	0.87
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	10	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	4	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	4	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	4	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	5	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	5	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	5	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	6	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	6	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	6	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	7	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	7	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	7	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	9	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	9	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	9	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD11	13	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD12	13	0.87
(1,1426)	1:855:A:GLN:H	1:896:A:LEU:HD13	13	0.87
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	9	0.87
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	9	0.87
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	7	0.87
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	14	0.87
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	18	0.87
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	5	0.87
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	5	0.87
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	2	0.87
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	2	0.87
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	2	0.87
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	2	0.87
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	2	0.87
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	7	0.87
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	7	0.87
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	7	0.87
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	10	0.87
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	10	0.87
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	10	0.87
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	20	0.87
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	20	0.87
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	20	0.87
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	1	0.87
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	5	0.87
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	5	0.87
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	5	0.87
(1,1243)	1:832:A:THR:HA	1:833:A:ALA:H	12	0.87
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	1	0.87
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	16	0.87
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	3	0.87
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	14	0.87
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	9	0.87
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	9	0.87
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	11	0.87
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	11	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	11	0.87
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	11	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	4	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	4	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	4	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	7	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	7	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	7	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	10	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	10	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	10	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	14	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	14	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	14	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	20	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	20	0.87
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	20	0.87
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	10	0.87
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	14	0.87
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	8	0.87
(1,1133)	1:822:A:LYS:H	1:823:A:GLU:H	7	0.87
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	11	0.87
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	16	0.87
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	16	0.87
(1,1120)	1:920:A:LEU:HD11	1:924:A:TYR:H	15	0.87
(1,1120)	1:920:A:LEU:HD12	1:924:A:TYR:H	15	0.87
(1,1120)	1:920:A:LEU:HD13	1:924:A:TYR:H	15	0.87
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	11	0.87
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	16	0.87
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	1	0.87
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	11	0.87
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	1	0.87
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	1	0.87
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	2	0.87
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	2	0.87
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	6	0.87
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	6	0.87
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	11	0.87
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	11	0.87
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	16	0.87
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	8	0.87
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	8	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	9	0.87
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	15	0.87
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	15	0.87
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	15	0.87
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	15	0.87
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	2	0.87
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	2	0.87
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	10	0.87
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	10	0.87
(1,1039)	1:811:A:GLN:HB2	1:814:A:ASN:HD21	16	0.87
(1,1039)	1:811:A:GLN:HB3	1:814:A:ASN:HD21	16	0.87
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	9	0.87
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	10	0.87
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	10	0.87
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	10	0.87
(1,1025)	1:813:A:ILE:HD11	1:814:A:ASN:H	17	0.87
(1,1025)	1:813:A:ILE:HD12	1:814:A:ASN:H	17	0.87
(1,1025)	1:813:A:ILE:HD13	1:814:A:ASN:H	17	0.87
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	10	0.87
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	10	0.87
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	10	0.87
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	20	0.87
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	20	0.87
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	20	0.87
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	16	0.87
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	4	0.87
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	4	0.87
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	12	0.87
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	12	0.87
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	5	0.87
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	11	0.87
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	7	0.87
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	3	0.87
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	3	0.87
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	11	0.87
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	17	0.87
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	15	0.87
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	2	0.87
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	2	0.87
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	19	0.87
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	19	0.87
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	17	0.87
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	17	0.87
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	6	0.87
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	4	0.87
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	4	0.87
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	4	0.87
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	9	0.87
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	9	0.87
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	9	0.87
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD11	6	0.87
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD12	6	0.87
(1,841)	1:845:A:LEU:HB2	1:845:A:LEU:HD13	6	0.87
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	10	0.87
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	10	0.87
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	10	0.87
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	15	0.87
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	15	0.87
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	15	0.87
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	18	0.87
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	18	0.87
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	18	0.87
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG11	8	0.87
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG12	8	0.87
(1,832)	1:857:A:LEU:HB2	1:869:A:VAL:HG13	8	0.87
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	7	0.87
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	7	0.87
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	7	0.87
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	16	0.87
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	16	0.87
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	16	0.87
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	14	0.87
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	14	0.87
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	2	0.87
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	2	0.87
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	2	0.87
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	4	0.87
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	4	0.87
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	4	0.87
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	20	0.87
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	20	0.87
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	20	0.87
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	15	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	15	0.87
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	15	0.87
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	13	0.87
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	3	0.87
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	3	0.87
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	3	0.87
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	9	0.87
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	1	0.87
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	1	0.87
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	1	0.87
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	3	0.87
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	3	0.87
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	3	0.87
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	19	0.87
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	19	0.87
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	19	0.87
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	3	0.87
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	6	0.87
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	19	0.87
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	19	0.87
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	7	0.87
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	7	0.87
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	7	0.87
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	6	0.87
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	6	0.87
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	6	0.87
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	8	0.87
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	8	0.87
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	8	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	1	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	1	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	1	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	5	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	5	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	5	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	6	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	6	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	6	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	13	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	13	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	13	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	14	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	14	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	14	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	17	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	17	0.87
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	17	0.87
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	9	0.87
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	9	0.87
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	9	0.87
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	13	0.87
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	13	0.87
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	13	0.87
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	2	0.87
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	2	0.87
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	2	0.87
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	2	0.87
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	2	0.87
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	2	0.87
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	4	0.87
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	4	0.87
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	4	0.87
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	4	0.87
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	4	0.87
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	4	0.87
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	16	0.87
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	16	0.87
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	16	0.87
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	2	0.87
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	2	0.87
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	2	0.87
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	7	0.87
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	7	0.87
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	7	0.87
(1,535)	1:884:A:MET:HA	1:884:A:MET:HG3	8	0.87
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	11	0.87
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	11	0.87
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	1	0.87
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	13	0.87
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	10	0.87
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	2	0.87
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	2	0.87
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	2	0.87
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	3	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	3	0.87
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	3	0.87
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	6	0.87
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	6	0.87
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	6	0.87
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	7	0.87
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	7	0.87
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	7	0.87
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	9	0.87
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	9	0.87
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	9	0.87
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	10	0.87
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	10	0.87
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	10	0.87
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	19	0.87
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	19	0.87
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	19	0.87
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD12	6	0.87
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD13	6	0.87
(1,402)	1:885:A:MET:HA	1:889:A:ILE:HD11	6	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	3	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	3	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	3	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	4	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	4	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	4	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	9	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	9	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	9	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	12	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	12	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	12	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	17	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	17	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	17	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	20	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	20	0.87
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	20	0.87
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	8	0.87
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	8	0.87
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	8	0.87
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	1	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	1	0.87
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	1	0.87
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	8	0.87
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	8	0.87
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	8	0.87
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	18	0.87
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	18	0.87
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	18	0.87
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	18	0.87
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	18	0.87
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	18	0.87
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	13	0.87
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	13	0.87
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	13	0.87
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	19	0.87
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	19	0.87
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	19	0.87
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	5	0.87
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	5	0.87
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	5	0.87
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	1	0.87
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	1	0.87
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	1	0.87
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	8	0.87
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	8	0.87
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	8	0.87
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	10	0.87
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	10	0.87
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	10	0.87
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	11	0.87
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	11	0.87
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	11	0.87
(1,283)	1:841:A:LEU:HD22	1:849:A:THR:HB	17	0.87
(1,283)	1:841:A:LEU:HD23	1:849:A:THR:HB	17	0.87
(1,283)	1:841:A:LEU:HD21	1:849:A:THR:HB	17	0.87
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	10	0.87
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	16	0.87
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	16	0.87
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	16	0.87
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	11	0.87
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	11	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	5	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	5	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	5	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	6	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	6	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	6	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	9	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	9	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	9	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	12	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	12	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	12	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	13	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	13	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	13	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	19	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	19	0.87
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	19	0.87
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	9	0.87
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	9	0.87
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	9	0.87
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	5	0.87
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	15	0.87
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	16	0.87
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	16	0.87
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	16	0.87
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	16	0.87
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	16	0.87
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	16	0.87
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	19	0.87
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	19	0.87
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	19	0.87
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	11	0.87
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	11	0.87
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	11	0.87
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	19	0.87
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	19	0.87
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	19	0.87
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	15	0.87
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	4	0.87
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	8	0.87
(1,139)	1:823:A:GLU:HA	1:826:A:ALA:H	8	0.87
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	3	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	3	0.87
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	9	0.87
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	9	0.87
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	13	0.87
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	13	0.87
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	14	0.87
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	14	0.87
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	9	0.87
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	9	0.87
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	9	0.87
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	9	0.87
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	9	0.87
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	9	0.87
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	4	0.87
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	14	0.87
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	6	0.87
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	6	0.87
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	12	0.87
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	12	0.87
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	12	0.87
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD21	19	0.87
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD22	19	0.87
(1,75)	1:813:A:ILE:HA	1:816:A:LEU:HD23	19	0.87
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	19	0.87
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	19	0.87
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	19	0.87
(1,44)	1:806:A:ALA:HB1	1:810:A:GLY:H	3	0.87
(1,44)	1:806:A:ALA:HB2	1:810:A:GLY:H	3	0.87
(1,44)	1:806:A:ALA:HB3	1:810:A:GLY:H	3	0.87
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	13	0.87
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	3	0.87
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	3	0.87
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	3	0.87
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	12	0.87
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	12	0.87
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	12	0.87
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	13	0.87
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	13	0.87
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	13	0.87
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	13	0.87
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	13	0.87
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	13	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	15	0.87
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	15	0.87
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	15	0.87
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	17	0.87
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	17	0.87
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	17	0.87
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	4	0.87
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	4	0.87
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	4	0.87
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	6	0.87
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	6	0.87
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	6	0.87
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	16	0.87
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	16	0.87
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	16	0.87
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	3	0.86
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	3	0.86
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	12	0.86
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	12	0.86
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	12	0.86
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	12	0.86
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	12	0.86
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	12	0.86
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	16	0.86
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	16	0.86
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	2	0.86
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	2	0.86
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	9	0.86
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	9	0.86
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	11	0.86
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	11	0.86
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	11	0.86
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	11	0.86
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	11	0.86
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	11	0.86
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	2	0.86
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	2	0.86
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	8	0.86
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	8	0.86
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	11	0.86
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	11	0.86
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	13	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	13	0.86
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	17	0.86
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	17	0.86
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	17	0.86
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	17	0.86
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	5	0.86
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	5	0.86
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	16	0.86
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	16	0.86
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	16	0.86
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	4	0.86
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	4	0.86
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	4	0.86
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	4	0.86
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA2	12	0.86
(1,3163)	1:846:A:GLU:HA	1:847:A:GLY:HA3	12	0.86
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	10	0.86
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	10	0.86
(1,3145)	1:839:A:MET:HG2	1:840:A:PHE:H	19	0.86
(1,3145)	1:839:A:MET:HG3	1:840:A:PHE:H	19	0.86
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	15	0.86
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	15	0.86
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	4	0.86
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	4	0.86
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	6	0.86
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	6	0.86
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	7	0.86
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	7	0.86
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	2	0.86
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	2	0.86
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	7	0.86
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	7	0.86
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	9	0.86
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	9	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	1	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	1	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	2	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	2	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	3	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	3	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	4	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	4	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	5	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	5	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	7	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	7	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	8	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	8	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	9	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	9	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	11	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	11	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	12	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	12	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	13	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	13	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	15	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	15	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	16	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	16	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	17	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	17	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	18	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	18	0.86
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	20	0.86
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	20	0.86
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	9	0.86
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	5	0.86
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	5	0.86
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	5	0.86
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	19	0.86
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	19	0.86
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	19	0.86
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	17	0.86
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	17	0.86
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	17	0.86
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	1	0.86
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	1	0.86
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	1	0.86
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	2	0.86
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	2	0.86
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	2	0.86
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	4	0.86
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	4	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	4	0.86
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	15	0.86
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	15	0.86
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	15	0.86
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	16	0.86
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	16	0.86
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	16	0.86
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	18	0.86
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	18	0.86
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	18	0.86
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	19	0.86
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	19	0.86
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	19	0.86
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	3	0.86
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	3	0.86
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	3	0.86
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	6	0.86
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	10	0.86
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	20	0.86
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	18	0.86
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	10	0.86
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	3	0.86
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	13	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	2	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	2	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	2	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	4	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	4	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	4	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	10	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	10	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	10	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	12	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	12	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	12	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	15	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	15	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	15	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	19	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	19	0.86
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	19	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	3	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	3	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	3	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	10	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	10	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	10	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	12	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	12	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	12	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	16	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	16	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	16	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	18	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	18	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	18	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	19	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	19	0.86
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	19	0.86
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	16	0.86
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	16	0.86
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	16	0.86
(1,2855)	1:900:A:LEU:HD23	1:903:A:ASP:HB2	3	0.86
(1,2855)	1:900:A:LEU:HD21	1:903:A:ASP:HB2	3	0.86
(1,2855)	1:900:A:LEU:HD22	1:903:A:ASP:HB2	3	0.86
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	20	0.86
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	18	0.86
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	19	0.86
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	11	0.86
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	14	0.86
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	18	0.86
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	18	0.86
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	18	0.86
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	6	0.86
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	6	0.86
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	6	0.86
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	13	0.86
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	13	0.86
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	13	0.86
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	15	0.86
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	15	0.86
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	15	0.86
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	14	0.86
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	14	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	14	0.86
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	16	0.86
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	16	0.86
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	16	0.86
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD11	18	0.86
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD12	18	0.86
(1,2764)	1:834:A:PRO:HA	1:837:A:LEU:HD13	18	0.86
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	20	0.86
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	20	0.86
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	20	0.86
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	16	0.86
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	4	0.86
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	4	0.86
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	4	0.86
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	16	0.86
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	7	0.86
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	7	0.86
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	7	0.86
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	14	0.86
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	14	0.86
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	14	0.86
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	4	0.86
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	6	0.86
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	6	0.86
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	17	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	1	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	1	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	1	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	2	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	2	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	2	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	7	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	7	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	7	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	11	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	11	0.86
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	11	0.86
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	6	0.86
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	6	0.86
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	6	0.86
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	7	0.86
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	7	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	7	0.86
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	11	0.86
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	11	0.86
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	11	0.86
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	7	0.86
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	7	0.86
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	9	0.86
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	9	0.86
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB1	14	0.86
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB2	14	0.86
(1,2571)	1:827:A:HIS:HE1	1:830:A:ALA:HB3	14	0.86
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	11	0.86
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	15	0.86
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	6	0.86
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	6	0.86
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	6	0.86
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	20	0.86
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	13	0.86
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	13	0.86
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	2	0.86
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	2	0.86
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	13	0.86
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	13	0.86
(1,2439)	1:856:A:SER:HB3	1:857:A:LEU:H	15	0.86
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	16	0.86
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	1	0.86
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	1	0.86
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	11	0.86
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	11	0.86
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	14	0.86
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	14	0.86
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	19	0.86
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	19	0.86
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	19	0.86
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	19	0.86
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	16	0.86
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	16	0.86
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	16	0.86
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	16	0.86
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	16	0.86
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	16	0.86
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	2	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	2	0.86
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	18	0.86
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	18	0.86
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	12	0.86
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	12	0.86
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	7	0.86
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	17	0.86
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	17	0.86
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	2	0.86
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	4	0.86
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	7	0.86
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	11	0.86
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	11	0.86
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	11	0.86
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	14	0.86
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	14	0.86
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	15	0.86
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	15	0.86
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	12	0.86
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	1	0.86
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	1	0.86
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	1	0.86
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	6	0.86
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	6	0.86
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	6	0.86
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	13	0.86
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	13	0.86
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	13	0.86
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	14	0.86
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	14	0.86
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	14	0.86
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	17	0.86
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	3	0.86
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	1	0.86
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	18	0.86
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	12	0.86
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	12	0.86
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	5	0.86
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	4	0.86
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	11	0.86
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	3	0.86
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	14	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	6	0.86
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	4	0.86
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	4	0.86
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	12	0.86
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	12	0.86
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	6	0.86
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	6	0.86
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	9	0.86
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	9	0.86
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	4	0.86
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	14	0.86
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	3	0.86
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	3	0.86
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	4	0.86
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	4	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	1	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	1	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	1	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	3	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	3	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	3	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	8	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	8	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	8	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	16	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	16	0.86
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	16	0.86
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	17	0.86
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	17	0.86
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	14	0.86
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	14	0.86
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	14	0.86
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	20	0.86
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	20	0.86
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	20	0.86
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	8	0.86
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	7	0.86
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	7	0.86
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	4	0.86
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	15	0.86
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	17	0.86
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	20	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	10	0.86
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	10	0.86
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	13	0.86
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	13	0.86
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	3	0.86
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	11	0.86
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	11	0.86
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	11	0.86
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	6	0.86
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	3	0.86
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	10	0.86
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	14	0.86
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	10	0.86
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	15	0.86
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	18	0.86
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	19	0.86
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	1	0.86
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	9	0.86
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	3	0.86
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	16	0.86
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	16	0.86
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	3	0.86
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	3	0.86
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	14	0.86
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	14	0.86
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	19	0.86
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	19	0.86
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	11	0.86
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	3	0.86
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	11	0.86
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	11	0.86
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	5	0.86
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	5	0.86
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	5	0.86
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	6	0.86
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	6	0.86
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	6	0.86
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	5	0.86
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	18	0.86
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	6	0.86
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	20	0.86
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	10	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	10	0.86
(1,1649)	1:872:A:HIS:HA	1:874:A:LEU:H	4	0.86
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	15	0.86
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	20	0.86
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	4	0.86
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	11	0.86
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	10	0.86
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	13	0.86
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	17	0.86
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	18	0.86
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	10	0.86
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	13	0.86
(1,1560)	1:867:A:SER:H	1:909:A:ASN:HD21	8	0.86
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	9	0.86
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	20	0.86
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	2	0.86
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	18	0.86
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	7	0.86
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	7	0.86
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	14	0.86
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	4	0.86
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	8	0.86
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	13	0.86
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	1	0.86
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	1	0.86
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	12	0.86
(1,1447)	1:855:A:GLN:H	1:856:A:SER:H	6	0.86
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	7	0.86
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	17	0.86
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	16	0.86
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	16	0.86
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	7	0.86
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	7	0.86
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	7	0.86
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	18	0.86
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	20	0.86
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	13	0.86
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	13	0.86
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	13	0.86
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	7	0.86
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	7	0.86
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	7	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	2	0.86
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	2	0.86
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	9	0.86
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	10	0.86
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	15	0.86
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	18	0.86
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	6	0.86
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	16	0.86
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	16	0.86
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	4	0.86
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	4	0.86
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	4	0.86
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	4	0.86
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	17	0.86
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	17	0.86
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	17	0.86
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	20	0.86
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	20	0.86
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	20	0.86
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD11	19	0.86
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD12	19	0.86
(1,1193)	1:829:A:LEU:H	1:861:A:LEU:HD13	19	0.86
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	14	0.86
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	14	0.86
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	14	0.86
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	4	0.86
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	4	0.86
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	4	0.86
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	5	0.86
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	14	0.86
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	1	0.86
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	2	0.86
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	9	0.86
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	13	0.86
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	14	0.86
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	14	0.86
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	12	0.86
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	12	0.86
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	10	0.86
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	9	0.86
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	17	0.86
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	17	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	17	0.86
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	19	0.86
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	19	0.86
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	5	0.86
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	8	0.86
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	1	0.86
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	1	0.86
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	1	0.86
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	19	0.86
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	19	0.86
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	19	0.86
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	15	0.86
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	19	0.86
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	19	0.86
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	9	0.86
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	9	0.86
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	2	0.86
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	2	0.86
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	13	0.86
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	16	0.86
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	14	0.86
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	14	0.86
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	3	0.86
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	13	0.86
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	15	0.86
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	17	0.86
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	1	0.86
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	6	0.86
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	3	0.86
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	3	0.86
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	3	0.86
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	2	0.86
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	2	0.86
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	2	0.86
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	6	0.86
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	6	0.86
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	9	0.86
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	9	0.86
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	8	0.86
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	8	0.86
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	16	0.86
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	16	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	14	0.86
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	5	0.86
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	20	0.86
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	20	0.86
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	20	0.86
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	20	0.86
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	20	0.86
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	20	0.86
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	20	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	2	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	2	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	2	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	3	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	3	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	3	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	5	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	5	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	5	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	13	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	13	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	13	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	20	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	20	0.86
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	20	0.86
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	18	0.86
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	18	0.86
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	18	0.86
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	8	0.86
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	8	0.86
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	8	0.86
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	16	0.86
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	3	0.86
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	3	0.86
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	3	0.86
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	12	0.86
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	12	0.86
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	12	0.86
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	20	0.86
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	20	0.86
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	20	0.86
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	18	0.86
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	18	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	18	0.86
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	2	0.86
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	2	0.86
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	2	0.86
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	17	0.86
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	17	0.86
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	17	0.86
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	5	0.86
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	5	0.86
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	9	0.86
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	11	0.86
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	11	0.86
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	11	0.86
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	17	0.86
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	17	0.86
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	17	0.86
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	11	0.86
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	11	0.86
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	11	0.86
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	16	0.86
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	16	0.86
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	16	0.86
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	4	0.86
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	4	0.86
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	13	0.86
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	13	0.86
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE2	20	0.86
(1,614)	1:864:A:LYS:HG2	1:864:A:LYS:HE3	20	0.86
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	5	0.86
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	5	0.86
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	5	0.86
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	5	0.86
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	5	0.86
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	5	0.86
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	16	0.86
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	16	0.86
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	16	0.86
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	12	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	12	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	12	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	12	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	15	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	15	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	15	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	16	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	16	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	16	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	18	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	18	0.86
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	18	0.86
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	1	0.86
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	1	0.86
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	1	0.86
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	1	0.86
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	1	0.86
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	1	0.86
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	4	0.86
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	4	0.86
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	4	0.86
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	10	0.86
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	10	0.86
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	10	0.86
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	2	0.86
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	16	0.86
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	6	0.86
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	7	0.86
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	11	0.86
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	15	0.86
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	16	0.86
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	17	0.86
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	5	0.86
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	13	0.86
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	12	0.86
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	12	0.86
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	12	0.86
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	20	0.86
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	20	0.86
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	20	0.86
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	7	0.86
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	2	0.86
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	9	0.86
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	20	0.86
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	8	0.86
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	8	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	8	0.86
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	14	0.86
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	14	0.86
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	14	0.86
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	18	0.86
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	18	0.86
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	18	0.86
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD11	19	0.86
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD12	19	0.86
(1,397)	1:862:A:ILE:HB	1:862:A:ILE:HD13	19	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	5	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	5	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	5	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	9	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	9	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	9	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	12	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	12	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	12	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	13	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	13	0.86
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	13	0.86
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	17	0.86
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	17	0.86
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	17	0.86
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	12	0.86
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	12	0.86
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	12	0.86
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	3	0.86
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	3	0.86
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	3	0.86
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	12	0.86
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	12	0.86
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	12	0.86
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	18	0.86
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	18	0.86
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	18	0.86
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	16	0.86
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	16	0.86
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	14	0.86
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	14	0.86
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	14	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	11	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	1	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	1	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	1	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	2	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	2	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	2	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	3	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	3	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	3	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	4	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	4	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	4	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	5	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	5	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	5	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	7	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	7	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	7	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	8	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	8	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	8	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	9	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	9	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	9	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	12	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	12	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	12	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	13	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	13	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	13	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	14	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	14	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	14	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	15	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	15	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	15	0.86
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	17	0.86
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	17	0.86
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	17	0.86
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	14	0.86
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	17	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	17	0.86
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	17	0.86
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	9	0.86
(1,156)	1:824:A:ALA:H	1:825:A:CYS:HB2	12	0.86
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	10	0.86
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	10	0.86
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	10	0.86
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	12	0.86
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	12	0.86
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	6	0.86
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	6	0.86
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	6	0.86
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	6	0.86
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	6	0.86
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	6	0.86
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	1	0.86
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	1	0.86
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	1	0.86
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	2	0.86
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	2	0.86
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	2	0.86
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	18	0.86
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	18	0.86
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	18	0.86
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	5	0.86
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	5	0.86
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	5	0.86
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	6	0.86
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	6	0.86
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	6	0.86
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	8	0.86
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	8	0.86
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	8	0.86
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	14	0.86
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	14	0.86
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	14	0.86
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	17	0.86
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	17	0.86
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	17	0.86
(1,66)	1:812:A:ILE:HG23	1:828:A:LEU:HG	10	0.86
(1,66)	1:812:A:ILE:HG21	1:828:A:LEU:HG	10	0.86
(1,66)	1:812:A:ILE:HG22	1:828:A:LEU:HG	10	0.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	18	0.86
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	18	0.86
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	18	0.86
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	10	0.86
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	2	0.86
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	2	0.86
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	2	0.86
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	16	0.86
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	16	0.86
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	16	0.86
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	3	0.86
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	3	0.86
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	3	0.86
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	10	0.86
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	10	0.86
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	10	0.86
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	16	0.86
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	16	0.86
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	16	0.86
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	10	0.86
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	10	0.86
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	10	0.86
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	7	0.86
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	3	0.85
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	3	0.85
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	6	0.85
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	6	0.85
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	14	0.85
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	14	0.85
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	19	0.85
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	19	0.85
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	9	0.85
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	9	0.85
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	2	0.85
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	2	0.85
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	19	0.85
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	19	0.85
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	6	0.85
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	6	0.85
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	12	0.85
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	12	0.85
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	12	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	12	0.85
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	12	0.85
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	12	0.85
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	18	0.85
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	18	0.85
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	18	0.85
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	18	0.85
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	18	0.85
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	18	0.85
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	12	0.85
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	12	0.85
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	2	0.85
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	2	0.85
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	2	0.85
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	2	0.85
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	5	0.85
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	5	0.85
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	14	0.85
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	14	0.85
(1,3270)	1:872:A:HIS:HB2	1:874:A:LEU:H	4	0.85
(1,3270)	1:872:A:HIS:HB3	1:874:A:LEU:H	4	0.85
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	16	0.85
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	16	0.85
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG2	2	0.85
(1,3090)	1:822:A:LYS:H	1:822:A:LYS:HG3	2	0.85
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	3	0.85
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	3	0.85
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	5	0.85
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	5	0.85
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	12	0.85
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	12	0.85
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	17	0.85
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	17	0.85
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	17	0.85
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	17	0.85
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	17	0.85
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	17	0.85
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	13	0.85
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	13	0.85
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	6	0.85
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	6	0.85
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	10	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	10	0.85
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	14	0.85
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	14	0.85
(1,3014)	1:809:A:PHE:HD2	1:809:A:PHE:HZ	19	0.85
(1,3014)	1:809:A:PHE:HD1	1:809:A:PHE:HZ	19	0.85
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	1	0.85
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	2	0.85
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	8	0.85
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	8	0.85
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	8	0.85
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	11	0.85
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	11	0.85
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	11	0.85
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	12	0.85
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	12	0.85
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	12	0.85
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	11	0.85
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	11	0.85
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	11	0.85
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	8	0.85
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	8	0.85
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	8	0.85
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	9	0.85
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	9	0.85
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	9	0.85
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	20	0.85
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	20	0.85
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	20	0.85
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	8	0.85
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	11	0.85
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	5	0.85
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	18	0.85
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	18	0.85
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	18	0.85
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	14	0.85
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	14	0.85
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	8	0.85
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	11	0.85
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	11	0.85
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	11	0.85
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	13	0.85
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	13	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	13	0.85
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD21	20	0.85
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD22	20	0.85
(1,2895)	1:834:A:PRO:HA	1:837:A:LEU:HD23	20	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	2	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	2	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	2	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	4	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	4	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	4	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	5	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	5	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	5	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	6	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	6	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	6	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	9	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	9	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	9	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	13	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	13	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	13	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	17	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	17	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	17	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD13	20	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD11	20	0.85
(1,2893)	1:831:A:ILE:HA	1:831:A:ILE:HD12	20	0.85
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	8	0.85
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	8	0.85
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	8	0.85
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	20	0.85
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	20	0.85
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	20	0.85
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	14	0.85
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	12	0.85
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	12	0.85
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	12	0.85
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	4	0.85
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	4	0.85
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	4	0.85
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	5	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	5	0.85
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	5	0.85
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	16	0.85
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	16	0.85
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	16	0.85
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	8	0.85
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	8	0.85
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	8	0.85
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	6	0.85
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	5	0.85
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	5	0.85
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	5	0.85
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	5	0.85
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	6	0.85
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	5	0.85
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	5	0.85
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	5	0.85
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	17	0.85
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	17	0.85
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	17	0.85
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	11	0.85
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	11	0.85
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	13	0.85
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	13	0.85
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	2	0.85
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	2	0.85
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	2	0.85
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD11	20	0.85
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD12	20	0.85
(1,2689)	1:900:A:LEU:H	1:900:A:LEU:HD13	20	0.85
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	2	0.85
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	13	0.85
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	18	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	3	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	3	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	3	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	9	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	9	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	9	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	13	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	13	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	13	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	16	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	16	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	16	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD23	19	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD21	19	0.85
(1,2624)	1:809:A:PHE:HZ	1:828:A:LEU:HD22	19	0.85
(1,2620)	1:816:A:LEU:HD12	1:824:A:ALA:H	5	0.85
(1,2620)	1:816:A:LEU:HD13	1:824:A:ALA:H	5	0.85
(1,2620)	1:816:A:LEU:HD11	1:824:A:ALA:H	5	0.85
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	7	0.85
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	7	0.85
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	7	0.85
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	7	0.85
(1,2567)	1:901:A:PHE:HE2	1:926:A:LEU:HG	2	0.85
(1,2567)	1:901:A:PHE:HE1	1:926:A:LEU:HG	2	0.85
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	3	0.85
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	12	0.85
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	16	0.85
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	8	0.85
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	8	0.85
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	8	0.85
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	9	0.85
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	11	0.85
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	11	0.85
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	17	0.85
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	17	0.85
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	12	0.85
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	12	0.85
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	2	0.85
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	11	0.85
(1,2423)	1:809:A:PHE:HD2	1:841:A:LEU:HA	19	0.85
(1,2423)	1:809:A:PHE:HD1	1:841:A:LEU:HA	19	0.85
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	8	0.85
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	8	0.85
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	8	0.85
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	8	0.85
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	8	0.85
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	8	0.85
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	17	0.85
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	17	0.85
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	7	0.85
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	7	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	18	0.85
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	18	0.85
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	18	0.85
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	18	0.85
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	18	0.85
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	18	0.85
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	18	0.85
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	18	0.85
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	4	0.85
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	18	0.85
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	1	0.85
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	8	0.85
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	4	0.85
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	3	0.85
(1,2188)	1:923:A:GLN:H	1:923:A:GLN:HG2	2	0.85
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	17	0.85
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	17	0.85
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	10	0.85
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	13	0.85
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	18	0.85
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	18	0.85
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	18	0.85
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	9	0.85
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	9	0.85
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	2	0.85
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	2	0.85
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	2	0.85
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	3	0.85
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	3	0.85
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	3	0.85
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	14	0.85
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	14	0.85
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	14	0.85
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	12	0.85
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	2	0.85
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	2	0.85
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	13	0.85
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	13	0.85
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	8	0.85
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	2	0.85
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	5	0.85
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	17	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	3	0.85
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	13	0.85
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	19	0.85
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	15	0.85
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	15	0.85
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	15	0.85
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	19	0.85
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	1	0.85
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	1	0.85
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	12	0.85
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	12	0.85
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	20	0.85
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	11	0.85
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	11	0.85
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	17	0.85
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	17	0.85
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	10	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	2	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	2	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	2	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	7	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	7	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	7	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	9	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	9	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	9	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	10	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	10	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	10	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	11	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	11	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	11	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	15	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	15	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	15	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	17	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	17	0.85
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	17	0.85
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	7	0.85
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	10	0.85
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	10	0.85
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	7	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	13	0.85
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	20	0.85
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	12	0.85
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	13	0.85
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	4	0.85
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	5	0.85
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	5	0.85
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	5	0.85
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	10	0.85
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	20	0.85
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	3	0.85
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	19	0.85
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	8	0.85
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	4	0.85
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	9	0.85
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	11	0.85
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	2	0.85
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	17	0.85
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	5	0.85
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	6	0.85
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	18	0.85
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	11	0.85
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	1	0.85
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	1	0.85
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	15	0.85
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	17	0.85
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	15	0.85
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	15	0.85
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	2	0.85
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	1	0.85
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	4	0.85
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	8	0.85
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	9	0.85
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	18	0.85
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	19	0.85
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	7	0.85
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	8	0.85
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	17	0.85
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	2	0.85
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	3	0.85
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	5	0.85
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	9	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	9	0.85
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	9	0.85
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	10	0.85
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	10	0.85
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	10	0.85
(1,1607)	1:872:A:HIS:H	1:873:A:LEU:H	5	0.85
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	1	0.85
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	1	0.85
(1,1579)	1:869:A:VAL:H	1:869:A:VAL:HB	8	0.85
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	4	0.85
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	5	0.85
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	1	0.85
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	15	0.85
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	16	0.85
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	6	0.85
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	6	0.85
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	9	0.85
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	9	0.85
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	8	0.85
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	9	0.85
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	16	0.85
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	18	0.85
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	12	0.85
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	2	0.85
(1,1483)	1:822:A:LYS:HB2	1:859:A:ASN:HD21	2	0.85
(1,1483)	1:822:A:LYS:HB3	1:859:A:ASN:HD21	2	0.85
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	14	0.85
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	2	0.85
(1,1453)	1:855:A:GLN:HB2	1:856:A:SER:H	5	0.85
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	19	0.85
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	8	0.85
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	7	0.85
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	9	0.85
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	9	0.85
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	16	0.85
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	12	0.85
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	12	0.85
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	9	0.85
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	9	0.85
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	9	0.85
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	5	0.85
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	2	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	2	0.85
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	7	0.85
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	7	0.85
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	7	0.85
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD22	16	0.85
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD23	16	0.85
(1,1299)	1:841:A:LEU:H	1:841:A:LEU:HD21	16	0.85
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	2	0.85
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	5	0.85
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	16	0.85
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	16	0.85
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	9	0.85
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	9	0.85
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	9	0.85
(1,1271)	1:833:A:ALA:HB3	1:837:A:LEU:H	11	0.85
(1,1271)	1:833:A:ALA:HB1	1:837:A:LEU:H	11	0.85
(1,1271)	1:833:A:ALA:HB2	1:837:A:LEU:H	11	0.85
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	16	0.85
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	16	0.85
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	16	0.85
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	7	0.85
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	4	0.85
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	3	0.85
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	3	0.85
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	3	0.85
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	9	0.85
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	12	0.85
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	1	0.85
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	12	0.85
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	14	0.85
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	2	0.85
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	2	0.85
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	17	0.85
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	17	0.85
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	6	0.85
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	7	0.85
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	9	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	2	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	2	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	2	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	7	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	7	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	7	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	9	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	9	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	9	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	10	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	10	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	10	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	12	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	12	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	12	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	14	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	14	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	14	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	19	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	19	0.85
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	19	0.85
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	6	0.85
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	6	0.85
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	6	0.85
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	5	0.85
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	14	0.85
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	20	0.85
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	5	0.85
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	15	0.85
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	2	0.85
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	12	0.85
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	2	0.85
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	16	0.85
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	2	0.85
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	2	0.85
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	2	0.85
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	7	0.85
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	7	0.85
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	7	0.85
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	10	0.85
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	10	0.85
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	10	0.85
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	11	0.85
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	11	0.85
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	11	0.85
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	12	0.85
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	12	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	12	0.85
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	14	0.85
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	17	0.85
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	17	0.85
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	17	0.85
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	8	0.85
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	8	0.85
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	8	0.85
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	14	0.85
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	14	0.85
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	14	0.85
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	6	0.85
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	15	0.85
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	2	0.85
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	2	0.85
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	2	0.85
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	16	0.85
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	16	0.85
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	16	0.85
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	2	0.85
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	2	0.85
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	4	0.85
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	4	0.85
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	1	0.85
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	1	0.85
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	14	0.85
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	3	0.85
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	4	0.85
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	12	0.85
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	8	0.85
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	13	0.85
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	5	0.85
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	5	0.85
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	8	0.85
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	3	0.85
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	7	0.85
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	16	0.85
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	5	0.85
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	6	0.85
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	6	0.85
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	6	0.85
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	12	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	2	0.85
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	2	0.85
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	18	0.85
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	18	0.85
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	10	0.85
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	14	0.85
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	19	0.85
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	19	0.85
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	19	0.85
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	19	0.85
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	19	0.85
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	19	0.85
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	10	0.85
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	10	0.85
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	10	0.85
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	18	0.85
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	18	0.85
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	18	0.85
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	6	0.85
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	6	0.85
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	6	0.85
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	16	0.85
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	16	0.85
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	16	0.85
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD13	19	0.85
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD11	19	0.85
(1,833)	1:876:A:LEU:H	1:876:A:LEU:HD12	19	0.85
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	10	0.85
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	15	0.85
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD1	20	0.85
(1,776)	1:920:A:LEU:HD21	1:924:A:TYR:HD2	20	0.85
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD1	20	0.85
(1,776)	1:920:A:LEU:HD22	1:924:A:TYR:HD2	20	0.85
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD1	20	0.85
(1,776)	1:920:A:LEU:HD23	1:924:A:TYR:HD2	20	0.85
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	16	0.85
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	16	0.85
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	16	0.85
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	12	0.85
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	12	0.85
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	12	0.85
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	15	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	15	0.85
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	15	0.85
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	17	0.85
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	17	0.85
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	17	0.85
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	8	0.85
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	8	0.85
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	8	0.85
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	20	0.85
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	20	0.85
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	20	0.85
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	10	0.85
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	6	0.85
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	6	0.85
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	6	0.85
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	15	0.85
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	15	0.85
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	15	0.85
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	9	0.85
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	9	0.85
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	18	0.85
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	18	0.85
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	18	0.85
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	10	0.85
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	10	0.85
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	10	0.85
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	4	0.85
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	18	0.85
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	18	0.85
(1,621)	1:894:A:LYS:HA	1:897:A:ILE:HG13	2	0.85
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	2	0.85
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	2	0.85
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	2	0.85
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	7	0.85
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD21	16	0.85
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD22	16	0.85
(1,575)	1:886:A:LEU:HA	1:886:A:LEU:HD23	16	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	3	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	3	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	3	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	4	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	4	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	4	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	8	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	8	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	8	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	10	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	10	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	10	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	11	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	11	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	11	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	19	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	19	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	19	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	20	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	20	0.85
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	20	0.85
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	7	0.85
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	7	0.85
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	7	0.85
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	7	0.85
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	7	0.85
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	7	0.85
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	9	0.85
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	9	0.85
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	9	0.85
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	9	0.85
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	9	0.85
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	9	0.85
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	4	0.85
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	4	0.85
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	4	0.85
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	6	0.85
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	6	0.85
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	6	0.85
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	11	0.85
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	11	0.85
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	11	0.85
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	8	0.85
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	8	0.85
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	8	0.85
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	15	0.85
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	15	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	15	0.85
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	2	0.85
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	2	0.85
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	2	0.85
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	3	0.85
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	3	0.85
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	3	0.85
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	1	0.85
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	1	0.85
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	1	0.85
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	20	0.85
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	20	0.85
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	20	0.85
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	6	0.85
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	6	0.85
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	6	0.85
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	13	0.85
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	13	0.85
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	13	0.85
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	9	0.85
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	9	0.85
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	15	0.85
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	15	0.85
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	7	0.85
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	12	0.85
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	2	0.85
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	12	0.85
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	20	0.85
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	1	0.85
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	10	0.85
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	12	0.85
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	5	0.85
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	13	0.85
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	11	0.85
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	11	0.85
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	11	0.85
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	6	0.85
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	8	0.85
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	8	0.85
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	2	0.85
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	2	0.85
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	2	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	6	0.85
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	6	0.85
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	6	0.85
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	7	0.85
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	7	0.85
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	7	0.85
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD11	15	0.85
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD12	15	0.85
(1,343)	1:851:A:LEU:HA	1:854:A:ILE:HD13	15	0.85
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	16	0.85
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	16	0.85
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	16	0.85
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	3	0.85
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	3	0.85
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	3	0.85
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	10	0.85
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	10	0.85
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	10	0.85
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	11	0.85
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	11	0.85
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	11	0.85
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	9	0.85
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	9	0.85
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	9	0.85
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	8	0.85
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	17	0.85
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	3	0.85
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	3	0.85
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD11	11	0.85
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD12	11	0.85
(1,262)	1:841:A:LEU:HA	1:841:A:LEU:HD13	11	0.85
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	8	0.85
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	6	0.85
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	6	0.85
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	6	0.85
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	3	0.85
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	17	0.85
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	17	0.85
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	17	0.85
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	17	0.85
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	17	0.85
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	17	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	2	0.85
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	2	0.85
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	2	0.85
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	10	0.85
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	10	0.85
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	10	0.85
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	10	0.85
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	10	0.85
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	10	0.85
(1,207)	1:831:A:ILE:HG22	1:831:A:ILE:HG13	16	0.85
(1,207)	1:831:A:ILE:HG23	1:831:A:ILE:HG13	16	0.85
(1,207)	1:831:A:ILE:HG21	1:831:A:ILE:HG13	16	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	4	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	4	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	4	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	6	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	6	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	6	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	10	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	10	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	10	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	12	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	12	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	12	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	14	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	14	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	14	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	18	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	18	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	18	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	20	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	20	0.85
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	20	0.85
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	20	0.85
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	10	0.85
(1,148)	1:816:A:LEU:HD21	1:825:A:CYS:HA	15	0.85
(1,148)	1:816:A:LEU:HD22	1:825:A:CYS:HA	15	0.85
(1,148)	1:816:A:LEU:HD23	1:825:A:CYS:HA	15	0.85
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	10	0.85
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	10	0.85
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	2	0.85
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	2	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	7	0.85
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	7	0.85
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	7	0.85
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	7	0.85
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	7	0.85
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	7	0.85
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	10	0.85
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	10	0.85
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	10	0.85
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	15	0.85
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	15	0.85
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	15	0.85
(1,73)	1:812:A:ILE:HD11	1:813:A:ILE:H	20	0.85
(1,73)	1:812:A:ILE:HD12	1:813:A:ILE:H	20	0.85
(1,73)	1:812:A:ILE:HD13	1:813:A:ILE:H	20	0.85
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	7	0.85
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	7	0.85
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	7	0.85
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	9	0.85
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	9	0.85
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	9	0.85
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	13	0.85
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	13	0.85
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	13	0.85
(1,58)	1:811:A:GLN:HA	1:811:A:GLN:HG2	13	0.85
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	1	0.85
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	8	0.85
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	10	0.85
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	10	0.85
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	10	0.85
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	2	0.85
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	2	0.85
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	2	0.85
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	9	0.85
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	9	0.85
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	9	0.85
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	12	0.85
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	12	0.85
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	12	0.85
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	9	0.85
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	9	0.85
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	9	0.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	15	0.85
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	15	0.85
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	15	0.85
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	8	0.84
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	8	0.84
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	13	0.84
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	13	0.84
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	4	0.84
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	4	0.84
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	12	0.84
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	12	0.84
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	2	0.84
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	2	0.84
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	11	0.84
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	11	0.84
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	2	0.84
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	2	0.84
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	13	0.84
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	13	0.84
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	16	0.84
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	16	0.84
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	10	0.84
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	10	0.84
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD1	2	0.84
(1,3284)	1:877:A:SER:HB2	1:882:A:PHE:HD2	2	0.84
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD1	2	0.84
(1,3284)	1:877:A:SER:HB3	1:882:A:PHE:HD2	2	0.84
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	12	0.84
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	12	0.84
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	3	0.84
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	3	0.84
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	1	0.84
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	1	0.84
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	11	0.84
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	14	0.84
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	14	0.84
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	12	0.84
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	12	0.84
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	17	0.84
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	17	0.84
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	14	0.84
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	14	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3038)	1:803:A:PRO:HG2	1:809:A:PHE:HA	18	0.84
(1,3038)	1:803:A:PRO:HG3	1:809:A:PHE:HA	18	0.84
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	12	0.84
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	12	0.84
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	14	0.84
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	14	0.84
(1,2999)	1:856:A:SER:H	1:857:A:LEU:H	20	0.84
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	9	0.84
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	9	0.84
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	9	0.84
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	18	0.84
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	18	0.84
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	18	0.84
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD21	16	0.84
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD22	16	0.84
(1,2987)	1:829:A:LEU:H	1:861:A:LEU:HD23	16	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	2	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	2	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	2	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	7	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	7	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	7	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	15	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	15	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	15	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	17	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	17	0.84
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	17	0.84
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	9	0.84
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	1	0.84
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	1	0.84
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	1	0.84
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	4	0.84
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	4	0.84
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	4	0.84
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	6	0.84
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	6	0.84
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	6	0.84
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	9	0.84
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	9	0.84
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	9	0.84
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	11	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	11	0.84
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	11	0.84
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	16	0.84
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	16	0.84
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	16	0.84
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	17	0.84
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	17	0.84
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	17	0.84
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	7	0.84
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	9	0.84
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	12	0.84
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	2	0.84
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	11	0.84
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	20	0.84
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	18	0.84
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	4	0.84
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	4	0.84
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	4	0.84
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	9	0.84
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	9	0.84
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	9	0.84
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	1	0.84
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	1	0.84
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	16	0.84
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	16	0.84
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	20	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	2	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	2	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	2	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	9	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	9	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	9	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	11	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	11	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	11	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	15	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	15	0.84
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	15	0.84
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	4	0.84
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	4	0.84
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	4	0.84
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	13	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	13	0.84
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	13	0.84
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	8	0.84
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	8	0.84
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	8	0.84
(1,2777)	1:841:A:LEU:HD22	1:845:A:LEU:HA	20	0.84
(1,2777)	1:841:A:LEU:HD23	1:845:A:LEU:HA	20	0.84
(1,2777)	1:841:A:LEU:HD21	1:845:A:LEU:HA	20	0.84
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	7	0.84
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	7	0.84
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	7	0.84
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	11	0.84
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	11	0.84
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	11	0.84
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	17	0.84
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	17	0.84
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	17	0.84
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	2	0.84
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	2	0.84
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	2	0.84
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	2	0.84
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	17	0.84
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	17	0.84
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	17	0.84
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	14	0.84
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	14	0.84
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	14	0.84
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	15	0.84
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	15	0.84
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	15	0.84
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	10	0.84
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	10	0.84
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	14	0.84
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	14	0.84
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	14	0.84
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	15	0.84
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	15	0.84
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	15	0.84
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	17	0.84
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	17	0.84
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	11	0.84
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	11	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	11	0.84
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	11	0.84
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	20	0.84
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	20	0.84
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	20	0.84
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	20	0.84
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	2	0.84
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	2	0.84
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	10	0.84
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	4	0.84
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	4	0.84
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	4	0.84
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	4	0.84
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	4	0.84
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	4	0.84
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD23	5	0.84
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD21	5	0.84
(1,2610)	1:850:A:PHE:HD1	1:853:A:LEU:HD22	5	0.84
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD23	5	0.84
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD21	5	0.84
(1,2610)	1:850:A:PHE:HD2	1:853:A:LEU:HD22	5	0.84
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	19	0.84
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	8	0.84
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	20	0.84
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	1	0.84
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	5	0.84
(1,2502)	1:809:A:PHE:HE2	1:840:A:PHE:HB2	2	0.84
(1,2502)	1:809:A:PHE:HE1	1:840:A:PHE:HB2	2	0.84
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	3	0.84
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	5	0.84
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	1	0.84
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	1	0.84
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	19	0.84
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	19	0.84
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	17	0.84
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	17	0.84
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	9	0.84
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	9	0.84
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	10	0.84
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	10	0.84
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	9	0.84
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	9	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	16	0.84
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	4	0.84
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	18	0.84
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	18	0.84
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	12	0.84
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	12	0.84
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	12	0.84
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	17	0.84
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	17	0.84
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	17	0.84
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	1	0.84
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	1	0.84
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	1	0.84
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	1	0.84
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	1	0.84
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	1	0.84
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	14	0.84
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	14	0.84
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	14	0.84
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	14	0.84
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	6	0.84
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	6	0.84
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	19	0.84
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	19	0.84
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	8	0.84
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	8	0.84
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	4	0.84
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	11	0.84
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	11	0.84
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	11	0.84
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	8	0.84
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	15	0.84
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	19	0.84
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	10	0.84
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	10	0.84
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	10	0.84
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	8	0.84
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	8	0.84
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	8	0.84
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	19	0.84
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	19	0.84
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	10	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	15	0.84
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	15	0.84
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	15	0.84
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB3	20	0.84
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB1	20	0.84
(1,2123)	1:919:A:ALA:H	1:919:A:ALA:HB2	20	0.84
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	2	0.84
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	9	0.84
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	5	0.84
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	2	0.84
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	13	0.84
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	20	0.84
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	5	0.84
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	5	0.84
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	9	0.84
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	9	0.84
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	20	0.84
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	20	0.84
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	11	0.84
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	11	0.84
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	11	0.84
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	10	0.84
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	9	0.84
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	16	0.84
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	18	0.84
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	13	0.84
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	13	0.84
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	17	0.84
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	17	0.84
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	11	0.84
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	11	0.84
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	12	0.84
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	17	0.84
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	12	0.84
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	16	0.84
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	16	0.84
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	17	0.84
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	17	0.84
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	20	0.84
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	20	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	4	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	4	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	4	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	5	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	5	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	5	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	6	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	6	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	6	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	12	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	12	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	12	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	13	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	13	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	13	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	14	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	14	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	14	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	18	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	18	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	18	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	19	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	19	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	19	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD23	20	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD21	20	0.84
(1,1923)	1:900:A:LEU:H	1:900:A:LEU:HD22	20	0.84
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	18	0.84
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	18	0.84
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	18	0.84
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	15	0.84
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	15	0.84
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	15	0.84
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	2	0.84
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	3	0.84
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	18	0.84
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	1	0.84
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	9	0.84
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	4	0.84
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	16	0.84
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	15	0.84
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	20	0.84
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	1	0.84
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	7	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	2	0.84
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	12	0.84
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	6	0.84
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	6	0.84
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	10	0.84
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	12	0.84
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	8	0.84
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	8	0.84
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	8	0.84
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	18	0.84
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	18	0.84
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	18	0.84
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	9	0.84
(1,1695)	1:876:A:LEU:H	1:877:A:SER:H	15	0.84
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	2	0.84
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	14	0.84
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	18	0.84
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	19	0.84
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	4	0.84
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	10	0.84
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	2	0.84
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	2	0.84
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	2	0.84
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	1	0.84
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	3	0.84
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	3	0.84
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	11	0.84
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	17	0.84
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	11	0.84
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	14	0.84
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	11	0.84
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	11	0.84
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	15	0.84
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	15	0.84
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	12	0.84
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	6	0.84
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	12	0.84
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	17	0.84
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	14	0.84
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	14	0.84
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	14	0.84
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	17	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	6	0.84
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	5	0.84
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	18	0.84
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	18	0.84
(1,1491)	1:803:A:PRO:HB2	1:805:A:ASN:H	18	0.84
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	5	0.84
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	2	0.84
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	15	0.84
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	11	0.84
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	15	0.84
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	16	0.84
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	18	0.84
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	20	0.84
(1,1383)	1:850:A:PHE:H	1:851:A:LEU:H	14	0.84
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	3	0.84
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	3	0.84
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	2	0.84
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	10	0.84
(1,1347)	1:849:A:THR:H	1:850:A:PHE:H	19	0.84
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	15	0.84
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	3	0.84
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	19	0.84
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	20	0.84
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	20	0.84
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	19	0.84
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	1	0.84
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	1	0.84
(1,1268)	1:832:A:THR:HG21	1:836:A:ASP:H	1	0.84
(1,1268)	1:832:A:THR:HG22	1:836:A:ASP:H	1	0.84
(1,1268)	1:832:A:THR:HG23	1:836:A:ASP:H	1	0.84
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	19	0.84
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	9	0.84
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	12	0.84
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	16	0.84
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	4	0.84
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	7	0.84
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	19	0.84
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	19	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	1	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	1	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	1	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	3	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	3	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	3	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	5	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	5	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	5	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	6	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	6	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	6	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	8	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	8	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	8	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	13	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	13	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	13	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	15	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	15	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	15	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB1	18	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB2	18	0.84
(1,1195)	1:829:A:LEU:H	1:830:A:ALA:HB3	18	0.84
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	6	0.84
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	11	0.84
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	5	0.84
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	5	0.84
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	5	0.84
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	5	0.84
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	5	0.84
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	8	0.84
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	8	0.84
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	13	0.84
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	13	0.84
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	1	0.84
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	14	0.84
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	13	0.84
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	1	0.84
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	3	0.84
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	10	0.84
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	10	0.84
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	11	0.84
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	11	0.84
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	20	0.84
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	20	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	4	0.84
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	7	0.84
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	3	0.84
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	3	0.84
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	3	0.84
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	8	0.84
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	8	0.84
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	8	0.84
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	12	0.84
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	12	0.84
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	12	0.84
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	19	0.84
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	19	0.84
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	19	0.84
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	20	0.84
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	20	0.84
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	20	0.84
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	2	0.84
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	2	0.84
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	4	0.84
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	20	0.84
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	6	0.84
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	6	0.84
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	6	0.84
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	14	0.84
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	14	0.84
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	14	0.84
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	5	0.84
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	12	0.84
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	4	0.84
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	4	0.84
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	4	0.84
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	5	0.84
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	5	0.84
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	5	0.84
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	2	0.84
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	11	0.84
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	8	0.84
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	9	0.84
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	13	0.84
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	8	0.84
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	8	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	2	0.84
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	2	0.84
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	10	0.84
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	10	0.84
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	18	0.84
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	18	0.84
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	9	0.84
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	20	0.84
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	20	0.84
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	10	0.84
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	19	0.84
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	5	0.84
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	5	0.84
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	12	0.84
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	8	0.84
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	12	0.84
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	18	0.84
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	13	0.84
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	13	0.84
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	15	0.84
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	15	0.84
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	9	0.84
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	9	0.84
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	9	0.84
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	10	0.84
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	10	0.84
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	5	0.84
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	6	0.84
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	6	0.84
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	14	0.84
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	14	0.84
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	14	0.84
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD23	16	0.84
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD21	16	0.84
(1,855)	1:803:A:PRO:HG2	1:828:A:LEU:HD22	16	0.84
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	16	0.84
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	16	0.84
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	16	0.84
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	10	0.84
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	10	0.84
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	10	0.84
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	2	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	2	0.84
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	14	0.84
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	14	0.84
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	11	0.84
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	10	0.84
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	10	0.84
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	17	0.84
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	1	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	3	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	3	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	3	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	4	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	4	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	4	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	6	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	6	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	6	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	8	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	8	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	8	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	9	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	9	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	9	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	10	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	10	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	10	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	11	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	11	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	11	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	13	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	13	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	13	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	16	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	16	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	16	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	19	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	19	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	19	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	20	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	20	0.84
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	20	0.84
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	14	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	14	0.84
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	14	0.84
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	6	0.84
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	6	0.84
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	6	0.84
(1,739)	1:917:A:ILE:HA	1:917:A:ILE:HG12	4	0.84
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	19	0.84
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	19	0.84
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	19	0.84
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	9	0.84
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	12	0.84
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	9	0.84
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	13	0.84
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	13	0.84
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	13	0.84
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	20	0.84
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	20	0.84
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	20	0.84
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	2	0.84
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	13	0.84
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	13	0.84
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	14	0.84
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	3	0.84
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	3	0.84
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	3	0.84
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	15	0.84
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	15	0.84
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	15	0.84
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	4	0.84
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	4	0.84
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	4	0.84
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	18	0.84
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	18	0.84
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	18	0.84
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	11	0.84
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	11	0.84
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	11	0.84
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	11	0.84
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	13	0.84
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	13	0.84
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	13	0.84
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	13	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	13	0.84
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	13	0.84
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	8	0.84
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	8	0.84
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	8	0.84
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	9	0.84
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	9	0.84
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	9	0.84
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	16	0.84
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	16	0.84
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	16	0.84
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	10	0.84
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	10	0.84
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	10	0.84
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	2	0.84
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	2	0.84
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	2	0.84
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	1	0.84
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	1	0.84
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	1	0.84
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	7	0.84
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	7	0.84
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	7	0.84
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	13	0.84
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	13	0.84
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	13	0.84
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	7	0.84
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	7	0.84
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	7	0.84
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	11	0.84
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	11	0.84
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	11	0.84
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	6	0.84
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	6	0.84
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	6	0.84
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	9	0.84
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	9	0.84
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	9	0.84
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	17	0.84
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	17	0.84
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	17	0.84
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	8	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	16	0.84
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	16	0.84
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	16	0.84
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	19	0.84
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	3	0.84
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	5	0.84
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	9	0.84
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	18	0.84
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	9	0.84
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	19	0.84
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	2	0.84
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	15	0.84
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	2	0.84
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	8	0.84
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	11	0.84
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	18	0.84
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	18	0.84
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	18	0.84
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	13	0.84
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	13	0.84
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	13	0.84
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	14	0.84
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	14	0.84
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	14	0.84
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	15	0.84
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	15	0.84
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	15	0.84
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	18	0.84
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	18	0.84
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	18	0.84
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	5	0.84
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	10	0.84
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	16	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	11	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	11	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	11	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	14	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	14	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	14	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	15	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	15	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	15	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	18	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	18	0.84
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	18	0.84
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	1	0.84
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	1	0.84
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	1	0.84
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	1	0.84
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	1	0.84
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	1	0.84
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	2	0.84
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	2	0.84
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	2	0.84
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	8	0.84
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	8	0.84
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	8	0.84
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	9	0.84
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	9	0.84
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	9	0.84
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	11	0.84
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	11	0.84
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	11	0.84
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	15	0.84
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	15	0.84
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	15	0.84
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	18	0.84
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	18	0.84
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	18	0.84
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	1	0.84
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	1	0.84
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	1	0.84
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD21	17	0.84
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD22	17	0.84
(1,311)	1:817:A:SER:HB3	1:852:A:LEU:HD23	17	0.84
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	4	0.84
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	17	0.84
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	17	0.84
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	17	0.84
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	13	0.84
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	13	0.84
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	20	0.84
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	20	0.84
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	2	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	2	0.84
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	3	0.84
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	17	0.84
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	2	0.84
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	2	0.84
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	2	0.84
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	12	0.84
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	12	0.84
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	12	0.84
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	18	0.84
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	9	0.84
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	9	0.84
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	9	0.84
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	9	0.84
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	9	0.84
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	9	0.84
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	11	0.84
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	11	0.84
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	11	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	3	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	3	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	3	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	5	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	5	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	5	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	8	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	8	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	8	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	11	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	11	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	11	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	15	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	15	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	15	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	16	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	16	0.84
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	16	0.84
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	7	0.84
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	7	0.84
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	20	0.84
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	20	0.84
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	9	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	9	0.84
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	18	0.84
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	18	0.84
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	6	0.84
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	6	0.84
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	15	0.84
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	15	0.84
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	19	0.84
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	19	0.84
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	12	0.84
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	15	0.84
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	9	0.84
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	9	0.84
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	2	0.84
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	2	0.84
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	2	0.84
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	20	0.84
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	20	0.84
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	20	0.84
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	8	0.84
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	8	0.84
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	8	0.84
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	10	0.84
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	10	0.84
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	10	0.84
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	6	0.84
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	12	0.84
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	12	0.84
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	12	0.84
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	20	0.84
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	20	0.84
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	20	0.84
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	11	0.84
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	11	0.84
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	11	0.84
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	13	0.84
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	13	0.84
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	13	0.84
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	18	0.84
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	18	0.84
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	18	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	5	0.84

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	5	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	5	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	8	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	8	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	8	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	18	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	18	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	18	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	20	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	20	0.84
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	20	0.84
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB2	10	0.83
(1,3356)	1:909:A:ASN:H	1:909:A:ASN:HB3	10	0.83
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	7	0.83
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	7	0.83
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	17	0.83
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	17	0.83
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	3	0.83
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	3	0.83
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	6	0.83
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	6	0.83
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	15	0.83
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	15	0.83
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	16	0.83
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	16	0.83
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	19	0.83
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	19	0.83
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	14	0.83
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	14	0.83
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	18	0.83
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	18	0.83
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	4	0.83
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	4	0.83
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	10	0.83
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	10	0.83
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	9	0.83
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	9	0.83
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	9	0.83
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	9	0.83
(1,3252)	1:865:A:ASP:HB3	1:867:A:SER:H	16	0.83
(1,3252)	1:865:A:ASP:HB2	1:867:A:SER:H	16	0.83
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	13	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	13	0.83
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	11	0.83
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	11	0.83
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	14	0.83
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	14	0.83
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	10	0.83
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	10	0.83
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	10	0.83
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	4	0.83
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	4	0.83
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	20	0.83
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	20	0.83
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG2	13	0.83
(1,3075)	1:811:A:GLN:HA	1:811:A:GLN:HG3	13	0.83
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	14	0.83
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	14	0.83
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	19	0.83
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	19	0.83
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	3	0.83
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	13	0.83
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	20	0.83
(1,2994)	1:824:A:ALA:H	1:826:A:ALA:H	17	0.83
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	10	0.83
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	10	0.83
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	10	0.83
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	13	0.83
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	13	0.83
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	13	0.83
(1,2986)	1:813:A:ILE:HG21	1:816:A:LEU:H	11	0.83
(1,2986)	1:813:A:ILE:HG22	1:816:A:LEU:H	11	0.83
(1,2986)	1:813:A:ILE:HG23	1:816:A:LEU:H	11	0.83
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD11	14	0.83
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD12	14	0.83
(1,2984)	1:851:A:LEU:H	1:851:A:LEU:HD13	14	0.83
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	10	0.83
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	10	0.83
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	10	0.83
(1,2970)	1:851:A:LEU:HD21	1:893:A:GLN:HE22	15	0.83
(1,2970)	1:851:A:LEU:HD22	1:893:A:GLN:HE22	15	0.83
(1,2970)	1:851:A:LEU:HD23	1:893:A:GLN:HE22	15	0.83
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	11	0.83
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	17	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	16	0.83
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	17	0.83
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	8	0.83
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	6	0.83
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	2	0.83
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	2	0.83
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	15	0.83
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	7	0.83
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	19	0.83
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	1	0.83
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	1	0.83
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	1	0.83
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	10	0.83
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	10	0.83
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	10	0.83
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD11	19	0.83
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD12	19	0.83
(1,2884)	1:833:A:ALA:HA	1:868:A:LEU:HD13	19	0.83
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	8	0.83
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	3	0.83
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	3	0.83
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	3	0.83
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	3	0.83
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	3	0.83
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	3	0.83
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	10	0.83
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	10	0.83
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	10	0.83
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	2	0.83
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	4	0.83
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	9	0.83
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	12	0.83
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	13	0.83
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	2	0.83
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	2	0.83
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	2	0.83
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	9	0.83
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	9	0.83
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	9	0.83
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	13	0.83
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	20	0.83
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	20	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	20	0.83
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	2	0.83
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	2	0.83
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	10	0.83
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	11	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	1	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	1	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	1	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	8	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	8	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	8	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	9	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	9	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	9	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	20	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	20	0.83
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	20	0.83
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	17	0.83
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	17	0.83
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	1	0.83
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	2	0.83
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	11	0.83
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	6	0.83
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	4	0.83
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	16	0.83
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	16	0.83
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	1	0.83
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	1	0.83
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	10	0.83
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	15	0.83
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	2	0.83
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	8	0.83
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	8	0.83
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	9	0.83
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	19	0.83
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	2	0.83
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	2	0.83
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	8	0.83
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	8	0.83
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	2	0.83
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	2	0.83
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	19	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	19	0.83
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	20	0.83
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	20	0.83
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	14	0.83
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	14	0.83
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	14	0.83
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	14	0.83
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	14	0.83
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	14	0.83
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	15	0.83
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	15	0.83
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	15	0.83
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	15	0.83
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	15	0.83
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	15	0.83
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	17	0.83
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	17	0.83
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	17	0.83
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	17	0.83
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	14	0.83
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	14	0.83
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	4	0.83
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	4	0.83
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	4	0.83
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	6	0.83
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	6	0.83
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	6	0.83
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	10	0.83
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	10	0.83
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	10	0.83
(1,2258)	1:869:A:VAL:HG21	1:872:A:HIS:HD2	19	0.83
(1,2258)	1:869:A:VAL:HG22	1:872:A:HIS:HD2	19	0.83
(1,2258)	1:869:A:VAL:HG23	1:872:A:HIS:HD2	19	0.83
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD2	1	0.83
(1,2233)	1:843:A:ASN:H	1:844:A:LYS:HD3	1	0.83
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	8	0.83
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	7	0.83
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	7	0.83
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	5	0.83
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	13	0.83
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	13	0.83
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	13	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	4	0.83
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	4	0.83
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	4	0.83
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	7	0.83
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	7	0.83
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	7	0.83
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	11	0.83
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	11	0.83
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	11	0.83
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	14	0.83
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	14	0.83
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	14	0.83
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	3	0.83
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	3	0.83
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	9	0.83
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	5	0.83
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	7	0.83
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	11	0.83
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	11	0.83
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	19	0.83
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	4	0.83
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	5	0.83
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	19	0.83
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	3	0.83
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	3	0.83
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	3	0.83
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	13	0.83
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	13	0.83
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	1	0.83
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	1	0.83
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	8	0.83
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	8	0.83
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	17	0.83
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	19	0.83
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	19	0.83
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	6	0.83
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	6	0.83
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	17	0.83
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	17	0.83
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	4	0.83
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	6	0.83
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	4	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	4	0.83
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	14	0.83
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	14	0.83
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	14	0.83
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	19	0.83
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	19	0.83
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	19	0.83
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	4	0.83
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	4	0.83
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	4	0.83
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	7	0.83
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	9	0.83
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	3	0.83
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	3	0.83
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	5	0.83
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	9	0.83
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	17	0.83
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	8	0.83
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	1	0.83
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	14	0.83
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	1	0.83
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	1	0.83
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	1	0.83
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	9	0.83
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	9	0.83
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	9	0.83
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	5	0.83
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	9	0.83
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	18	0.83
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	4	0.83
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	12	0.83
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	10	0.83
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	16	0.83
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	11	0.83
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	20	0.83
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	20	0.83
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	11	0.83
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	11	0.83
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	3	0.83
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	14	0.83
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	9	0.83
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	9	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	13	0.83
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	13	0.83
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	4	0.83
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	4	0.83
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	4	0.83
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	17	0.83
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	17	0.83
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	17	0.83
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	7	0.83
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	13	0.83
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	14	0.83
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	3	0.83
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	12	0.83
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	1	0.83
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	6	0.83
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	11	0.83
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	16	0.83
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	18	0.83
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	13	0.83
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	1	0.83
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	1	0.83
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	1	0.83
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	19	0.83
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	19	0.83
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	19	0.83
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	13	0.83
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	13	0.83
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	3	0.83
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	16	0.83
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	1	0.83
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	2	0.83
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	20	0.83
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG21	17	0.83
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG22	17	0.83
(1,1565)	1:868:A:LEU:H	1:869:A:VAL:HG23	17	0.83
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	6	0.83
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	10	0.83
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	3	0.83
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	3	0.83
(1,1532)	1:860:A:ASN:HA	1:864:A:LYS:H	9	0.83
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	6	0.83
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	17	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	14	0.83
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	14	0.83
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	13	0.83
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	10	0.83
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	6	0.83
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	7	0.83
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	6	0.83
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	4	0.83
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	14	0.83
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	10	0.83
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	1	0.83
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	1	0.83
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	17	0.83
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	17	0.83
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	18	0.83
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	18	0.83
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	18	0.83
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	1	0.83
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	10	0.83
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	11	0.83
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	13	0.83
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	17	0.83
(1,1301)	1:841:A:LEU:H	1:841:A:LEU:HG	16	0.83
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	8	0.83
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	13	0.83
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	13	0.83
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	12	0.83
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	2	0.83
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	5	0.83
(1,1247)	1:834:A:PRO:HG3	1:835:A:LYS:H	18	0.83
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	16	0.83
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	16	0.83
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	16	0.83
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	5	0.83
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	8	0.83
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	8	0.83
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	10	0.83
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	10	0.83
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	12	0.83
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	12	0.83
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	3	0.83
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	17	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	14	0.83
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	14	0.83
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	15	0.83
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	20	0.83
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	1	0.83
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	10	0.83
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	12	0.83
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	14	0.83
(1,1128)	1:822:A:LYS:HB2	1:823:A:GLU:H	12	0.83
(1,1128)	1:822:A:LYS:HB3	1:823:A:GLU:H	12	0.83
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	12	0.83
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	19	0.83
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	4	0.83
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	10	0.83
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	8	0.83
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	20	0.83
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	19	0.83
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	7	0.83
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	19	0.83
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	1	0.83
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	1	0.83
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	12	0.83
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	19	0.83
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	5	0.83
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	5	0.83
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	5	0.83
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	6	0.83
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	6	0.83
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	6	0.83
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	9	0.83
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	9	0.83
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	9	0.83
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	13	0.83
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	13	0.83
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	13	0.83
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	18	0.83
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	18	0.83
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	18	0.83
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	17	0.83
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	17	0.83
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	11	0.83
(1,1024)	1:811:A:GLN:HA	1:813:A:ILE:H	7	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	8	0.83
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	8	0.83
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	8	0.83
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	12	0.83
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	12	0.83
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	12	0.83
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	1	0.83
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	20	0.83
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	18	0.83
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	18	0.83
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	20	0.83
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	20	0.83
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	10	0.83
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	10	0.83
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	19	0.83
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	19	0.83
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	2	0.83
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	9	0.83
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	11	0.83
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	20	0.83
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	4	0.83
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	4	0.83
(1,965)	1:806:A:ALA:H	1:807:A:TYR:H	20	0.83
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	18	0.83
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	5	0.83
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	6	0.83
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	11	0.83
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	13	0.83
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	8	0.83
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	16	0.83
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	16	0.83
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	12	0.83
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	18	0.83
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	11	0.83
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	2	0.83
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	2	0.83
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	2	0.83
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	2	0.83
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	2	0.83
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	2	0.83
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	4	0.83
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	4	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	4	0.83
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	4	0.83
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	4	0.83
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	4	0.83
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	1	0.83
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	1	0.83
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	1	0.83
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	7	0.83
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	7	0.83
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	7	0.83
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	10	0.83
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	10	0.83
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	10	0.83
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	11	0.83
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	11	0.83
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	11	0.83
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	1	0.83
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	1	0.83
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	1	0.83
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	14	0.83
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	14	0.83
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	14	0.83
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	12	0.83
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	12	0.83
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	12	0.83
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	16	0.83
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	16	0.83
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	16	0.83
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	2	0.83
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	2	0.83
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	2	0.83
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	9	0.83
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	9	0.83
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	9	0.83
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	9	0.83
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	9	0.83
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	2	0.83
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	2	0.83
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	16	0.83
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	17	0.83
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	17	0.83
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	17	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	1	0.83
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	1	0.83
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	1	0.83
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	11	0.83
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	11	0.83
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	11	0.83
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	18	0.83
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	8	0.83
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	8	0.83
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	8	0.83
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	9	0.83
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	6	0.83
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	6	0.83
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	6	0.83
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	16	0.83
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	16	0.83
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	16	0.83
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	17	0.83
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	17	0.83
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	17	0.83
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	10	0.83
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	10	0.83
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	10	0.83
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	13	0.83
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	13	0.83
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	1	0.83
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	1	0.83
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	1	0.83
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	1	0.83
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	1	0.83
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	1	0.83
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	19	0.83
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	19	0.83
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	19	0.83
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	16	0.83
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	16	0.83
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	16	0.83
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	2	0.83
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	2	0.83
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	2	0.83
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	12	0.83
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	12	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	12	0.83
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	13	0.83
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	13	0.83
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	13	0.83
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	2	0.83
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	2	0.83
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	2	0.83
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	20	0.83
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	20	0.83
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	20	0.83
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD21	7	0.83
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD22	7	0.83
(1,574)	1:883:A:LYS:HA	1:886:A:LEU:HD23	7	0.83
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	19	0.83
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	19	0.83
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	19	0.83
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	10	0.83
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	10	0.83
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	10	0.83
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	10	0.83
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	10	0.83
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	10	0.83
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	15	0.83
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	15	0.83
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	15	0.83
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	15	0.83
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	15	0.83
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	15	0.83
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	1	0.83
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	1	0.83
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	15	0.83
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	15	0.83
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	10	0.83
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	10	0.83
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	10	0.83
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	6	0.83
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	6	0.83
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	6	0.83
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	4	0.83
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	4	0.83
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	4	0.83
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	14	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	14	0.83
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	14	0.83
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	18	0.83
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	18	0.83
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	18	0.83
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG2	8	0.83
(1,531)	1:883:A:LYS:HA	1:883:A:LYS:HG3	8	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	2	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	2	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	2	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	3	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	3	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	3	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	7	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	7	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	7	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	10	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	10	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	10	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	15	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	15	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	15	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	20	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	20	0.83
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	20	0.83
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	14	0.83
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	14	0.83
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	17	0.83
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	17	0.83
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	4	0.83
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	10	0.83
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	3	0.83
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	3	0.83
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	3	0.83
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	5	0.83
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	5	0.83
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	5	0.83
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	8	0.83
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	8	0.83
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	8	0.83
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	17	0.83
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	17	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	17	0.83
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	5	0.83
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	5	0.83
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	5	0.83
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	9	0.83
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	9	0.83
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	9	0.83
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	5	0.83
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	5	0.83
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	5	0.83
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	12	0.83
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	12	0.83
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	12	0.83
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	4	0.83
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	4	0.83
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	4	0.83
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	10	0.83
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	10	0.83
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	10	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	3	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	3	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	3	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	8	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	8	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	8	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	17	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	17	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	17	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	19	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	19	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	19	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	20	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	20	0.83
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	20	0.83
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	19	0.83
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	19	0.83
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	19	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	3	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	3	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	3	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	4	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	4	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	4	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	5	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	5	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	5	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	6	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	6	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	6	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	7	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	7	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	7	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	10	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	10	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	10	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	12	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	12	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	12	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	13	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	13	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	13	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	14	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	14	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	14	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	16	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	16	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	16	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	17	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	17	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	17	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	19	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	19	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	19	0.83
(1,322)	1:854:A:ILE:HG21	1:854:A:ILE:HG12	20	0.83
(1,322)	1:854:A:ILE:HG22	1:854:A:ILE:HG12	20	0.83
(1,322)	1:854:A:ILE:HG23	1:854:A:ILE:HG12	20	0.83
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	5	0.83
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	5	0.83
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	5	0.83
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	9	0.83
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	9	0.83
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	9	0.83
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	10	0.83
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	10	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	10	0.83
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	15	0.83
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	15	0.83
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	15	0.83
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	9	0.83
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	9	0.83
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	9	0.83
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	4	0.83
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	1	0.83
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	1	0.83
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	1	0.83
(1,247)	1:798:A:LEU:HD11	1:799:A:PRO:HD2	13	0.83
(1,247)	1:798:A:LEU:HD12	1:799:A:PRO:HD2	13	0.83
(1,247)	1:798:A:LEU:HD13	1:799:A:PRO:HD2	13	0.83
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	8	0.83
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	5	0.83
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	5	0.83
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	5	0.83
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	6	0.83
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	6	0.83
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	6	0.83
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	8	0.83
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	8	0.83
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	8	0.83
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	16	0.83
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	16	0.83
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	16	0.83
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	18	0.83
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	18	0.83
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	18	0.83
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	9	0.83
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	9	0.83
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	9	0.83
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	12	0.83
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	12	0.83
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	12	0.83
(1,223)	1:832:A:THR:HG21	1:837:A:LEU:HB2	13	0.83
(1,223)	1:832:A:THR:HG22	1:837:A:LEU:HB2	13	0.83
(1,223)	1:832:A:THR:HG23	1:837:A:LEU:HB2	13	0.83
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD11	17	0.83
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD12	17	0.83
(1,194)	1:828:A:LEU:HB3	1:829:A:LEU:HD13	17	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	17	0.83
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	3	0.83
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	3	0.83
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	3	0.83
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	2	0.83
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	2	0.83
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	15	0.83
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	15	0.83
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	20	0.83
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	20	0.83
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	3	0.83
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	3	0.83
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	20	0.83
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	20	0.83
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	13	0.83
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	13	0.83
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	13	0.83
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	3	0.83
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	3	0.83
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	3	0.83
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	16	0.83
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	16	0.83
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	16	0.83
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	11	0.83
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	11	0.83
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	11	0.83
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	6	0.83
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	6	0.83
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	6	0.83
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	2	0.83
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	2	0.83
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	2	0.83
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	3	0.83
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	3	0.83
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	3	0.83
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	7	0.83
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	10	0.83
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	3	0.83
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	16	0.83
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	14	0.83
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	14	0.83
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	14	0.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG22	6	0.83
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG23	6	0.83
(1,20)	1:800:A:ILE:H	1:800:A:ILE:HG21	6	0.83
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	10	0.83
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	10	0.83
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	8	0.83
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	18	0.83
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	7	0.83
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	7	0.83
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	7	0.83
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	17	0.83
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	17	0.83
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	17	0.83
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	18	0.82
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	18	0.82
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	9	0.82
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	9	0.82
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	15	0.82
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	15	0.82
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	15	0.82
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	15	0.82
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	15	0.82
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	15	0.82
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	15	0.82
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	15	0.82
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	1	0.82
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	1	0.82
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	1	0.82
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	1	0.82
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	17	0.82
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	17	0.82
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	16	0.82
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	16	0.82
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	16	0.82
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	9	0.82
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	9	0.82
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	9	0.82
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	9	0.82
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	13	0.82
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	13	0.82
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	17	0.82
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	17	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	2	0.82
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	9	0.82
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	9	0.82
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	5	0.82
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	5	0.82
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	13	0.82
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	13	0.82
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	8	0.82
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	8	0.82
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	18	0.82
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	18	0.82
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	1	0.82
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	1	0.82
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD13	9	0.82
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD11	9	0.82
(1,3047)	1:803:A:PRO:HD2	1:831:A:ILE:HD12	9	0.82
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD13	9	0.82
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD11	9	0.82
(1,3047)	1:803:A:PRO:HD3	1:831:A:ILE:HD12	9	0.82
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	16	0.82
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	16	0.82
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	18	0.82
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	18	0.82
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	3	0.82
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	3	0.82
(1,2990)	1:852:A:LEU:HD12	1:853:A:LEU:H	1	0.82
(1,2990)	1:852:A:LEU:HD13	1:853:A:LEU:H	1	0.82
(1,2990)	1:852:A:LEU:HD11	1:853:A:LEU:H	1	0.82
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	1	0.82
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	19	0.82
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	16	0.82
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	14	0.82
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	5	0.82
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	5	0.82
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	8	0.82
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	8	0.82
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	9	0.82
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	9	0.82
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	3	0.82
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	9	0.82
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	9	0.82
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	19	0.82
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	19	0.82
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	19	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	5	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	5	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	5	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	8	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	8	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	8	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	16	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	16	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	16	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	17	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	17	0.82
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	17	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	3	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	3	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	3	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	8	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	8	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	8	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	14	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	14	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	14	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	17	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	17	0.82
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	17	0.82
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	18	0.82
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	18	0.82
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	18	0.82
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	1	0.82
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	19	0.82
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	20	0.82
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	6	0.82
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	6	0.82
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	6	0.82
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	14	0.82
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	14	0.82
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	14	0.82
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	12	0.82
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	12	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	3	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	3	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	3	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	4	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	4	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	4	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	10	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	10	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	10	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	11	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	11	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	11	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	12	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	12	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	12	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	16	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	16	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	16	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	17	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	17	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	17	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	18	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	18	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	18	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	19	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	19	0.82
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	19	0.82
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	18	0.82
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	5	0.82
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	5	0.82
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	17	0.82
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	17	0.82
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	11	0.82
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	11	0.82
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	11	0.82
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	5	0.82
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	2	0.82
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	2	0.82
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	17	0.82
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	13	0.82
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	8	0.82
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	12	0.82
(1,2519)	1:807:A:TYR:HE1	1:811:A:GLN:HG2	5	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2519)	1:807:A:TYR:HE2	1:811:A:GLN:HG2	5	0.82
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	12	0.82
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	11	0.82
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	11	0.82
(1,2475)	1:870:A:TYR:HE2	1:871:A:GLN:HG2	6	0.82
(1,2475)	1:870:A:TYR:HE1	1:871:A:GLN:HG2	6	0.82
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	2	0.82
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	10	0.82
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	10	0.82
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	12	0.82
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	12	0.82
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	12	0.82
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	12	0.82
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	14	0.82
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	14	0.82
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	6	0.82
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	6	0.82
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	6	0.82
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD1	11	0.82
(1,2359)	1:874:A:LEU:HD13	1:875:A:TYR:HD2	11	0.82
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD1	11	0.82
(1,2359)	1:874:A:LEU:HD11	1:875:A:TYR:HD2	11	0.82
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD1	11	0.82
(1,2359)	1:874:A:LEU:HD12	1:875:A:TYR:HD2	11	0.82
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	20	0.82
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	20	0.82
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	20	0.82
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	20	0.82
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	20	0.82
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	20	0.82
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	10	0.82
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	10	0.82
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	3	0.82
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	3	0.82
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	4	0.82
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	4	0.82
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	12	0.82
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	12	0.82
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	13	0.82
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	13	0.82
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	13	0.82
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	14	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	10	0.82
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	16	0.82
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	2	0.82
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	3	0.82
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	9	0.82
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	12	0.82
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	14	0.82
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	18	0.82
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	14	0.82
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	14	0.82
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	14	0.82
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	17	0.82
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	17	0.82
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	17	0.82
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	4	0.82
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	4	0.82
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	4	0.82
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	8	0.82
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	13	0.82
(1,2098)	1:917:A:ILE:HG21	1:918:A:GLN:H	2	0.82
(1,2098)	1:917:A:ILE:HG22	1:918:A:GLN:H	2	0.82
(1,2098)	1:917:A:ILE:HG23	1:918:A:GLN:H	2	0.82
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	9	0.82
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	9	0.82
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	1	0.82
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	9	0.82
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	11	0.82
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	16	0.82
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	16	0.82
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	16	0.82
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	19	0.82
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	19	0.82
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	16	0.82
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	16	0.82
(1,2072)	1:914:A:LEU:HB3	1:915:A:GLU:H	8	0.82
(1,2072)	1:914:A:LEU:HB2	1:915:A:GLU:H	8	0.82
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	3	0.82
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	15	0.82
(1,2027)	1:910:A:ASN:HA	1:910:A:ASN:HD22	16	0.82
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	6	0.82
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	6	0.82
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	19	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	19	0.82
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	1	0.82
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	20	0.82
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	9	0.82
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	5	0.82
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	10	0.82
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	10	0.82
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	2	0.82
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	11	0.82
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	11	0.82
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	5	0.82
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	5	0.82
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD2	19	0.82
(1,1936)	1:900:A:LEU:H	1:901:A:PHE:HD1	19	0.82
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	10	0.82
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	10	0.82
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	9	0.82
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	7	0.82
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	7	0.82
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	7	0.82
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	9	0.82
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	9	0.82
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	9	0.82
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	10	0.82
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	10	0.82
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	10	0.82
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	17	0.82
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	17	0.82
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	17	0.82
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	2	0.82
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	7	0.82
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	11	0.82
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	15	0.82
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	16	0.82
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	6	0.82
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	8	0.82
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	12	0.82
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	12	0.82
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	12	0.82
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	17	0.82
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	10	0.82
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	14	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	9	0.82
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	16	0.82
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	4	0.82
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	17	0.82
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	17	0.82
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	2	0.82
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	13	0.82
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	19	0.82
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	6	0.82
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	8	0.82
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	1	0.82
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	1	0.82
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	16	0.82
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	16	0.82
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	9	0.82
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	9	0.82
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	9	0.82
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	12	0.82
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	7	0.82
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	8	0.82
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	9	0.82
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	19	0.82
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	20	0.82
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	11	0.82
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	11	0.82
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	5	0.82
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	12	0.82
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	16	0.82
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	20	0.82
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	2	0.82
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	11	0.82
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	17	0.82
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	17	0.82
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	2	0.82
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	12	0.82
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	12	0.82
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	12	0.82
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	5	0.82
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	17	0.82
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	7	0.82
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	19	0.82
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	18	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	16	0.82
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	20	0.82
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	11	0.82
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	6	0.82
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	1	0.82
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	5	0.82
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	8	0.82
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	8	0.82
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	13	0.82
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	13	0.82
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	2	0.82
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	12	0.82
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	14	0.82
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	14	0.82
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	14	0.82
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	2	0.82
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	2	0.82
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	9	0.82
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	9	0.82
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	6	0.82
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	12	0.82
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	16	0.82
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	16	0.82
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	16	0.82
(1,1281)	1:836:A:ASP:H	1:837:A:LEU:H	1	0.82
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	7	0.82
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	11	0.82
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	20	0.82
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	20	0.82
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	13	0.82
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	13	0.82
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	13	0.82
(1,1249)	1:833:A:ALA:HB3	1:835:A:LYS:H	18	0.82
(1,1249)	1:833:A:ALA:HB1	1:835:A:LYS:H	18	0.82
(1,1249)	1:833:A:ALA:HB2	1:835:A:LYS:H	18	0.82
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	5	0.82
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	2	0.82
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	2	0.82
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	2	0.82
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	11	0.82
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	11	0.82
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	11	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	19	0.82
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	7	0.82
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	8	0.82
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	13	0.82
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	20	0.82
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	14	0.82
(1,1225)	1:830:A:ALA:H	1:831:A:ILE:H	18	0.82
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	20	0.82
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	14	0.82
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	14	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	2	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	2	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	2	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	3	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	3	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	3	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	9	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	9	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	9	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	13	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	13	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	13	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	16	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	16	0.82
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	16	0.82
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	8	0.82
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	17	0.82
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	17	0.82
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	8	0.82
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	15	0.82
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	14	0.82
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	2	0.82
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	2	0.82
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	19	0.82
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	19	0.82
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	8	0.82
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	9	0.82
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	14	0.82
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	15	0.82
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	8	0.82
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	11	0.82
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	10	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	1	0.82
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	1	0.82
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	1	0.82
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	16	0.82
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	16	0.82
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	16	0.82
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	17	0.82
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	17	0.82
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	17	0.82
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	15	0.82
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	9	0.82
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	9	0.82
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	9	0.82
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	20	0.82
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	9	0.82
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	9	0.82
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	9	0.82
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	17	0.82
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	17	0.82
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	17	0.82
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	17	0.82
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	17	0.82
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	4	0.82
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	4	0.82
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	15	0.82
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	15	0.82
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	14	0.82
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	14	0.82
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	20	0.82
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	20	0.82
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	2	0.82
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	6	0.82
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	8	0.82
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	15	0.82
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	15	0.82
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	8	0.82
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	1	0.82
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	1	0.82
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	1	0.82
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	1	0.82
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	2	0.82
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	2	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	3	0.82
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	8	0.82
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	14	0.82
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	18	0.82
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	19	0.82
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	17	0.82
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	2	0.82
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	4	0.82
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	4	0.82
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	9	0.82
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	9	0.82
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	13	0.82
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	13	0.82
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	14	0.82
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	14	0.82
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	4	0.82
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	4	0.82
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	4	0.82
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	1	0.82
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	1	0.82
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	14	0.82
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	14	0.82
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	7	0.82
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	7	0.82
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	18	0.82
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	12	0.82
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	12	0.82
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	12	0.82
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	12	0.82
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	12	0.82
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	12	0.82
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	6	0.82
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	6	0.82
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	6	0.82
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD21	19	0.82
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD22	19	0.82
(1,853)	1:869:A:VAL:H	1:904:A:LEU:HD23	19	0.82
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD21	10	0.82
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD22	10	0.82
(1,852)	1:870:A:TYR:HA	1:904:A:LEU:HD23	10	0.82
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	6	0.82
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	6	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	6	0.82
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	1	0.82
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	1	0.82
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	1	0.82
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	5	0.82
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	5	0.82
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	5	0.82
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	8	0.82
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	8	0.82
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	8	0.82
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	5	0.82
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	5	0.82
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	18	0.82
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	18	0.82
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	9	0.82
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	9	0.82
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	9	0.82
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD11	14	0.82
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD12	14	0.82
(1,756)	1:914:A:LEU:HA	1:917:A:ILE:HD13	14	0.82
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	20	0.82
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	20	0.82
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	20	0.82
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	7	0.82
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	7	0.82
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	7	0.82
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	16	0.82
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	15	0.82
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	6	0.82
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	6	0.82
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	4	0.82
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	4	0.82
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	4	0.82
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	10	0.82
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	10	0.82
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	10	0.82
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	19	0.82
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	19	0.82
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	19	0.82
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	18	0.82
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	13	0.82
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	13	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	13	0.82
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	6	0.82
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	6	0.82
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	11	0.82
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	11	0.82
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	11	0.82
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	11	0.82
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	11	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	2	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	2	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	2	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	4	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	4	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	4	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	5	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	5	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	5	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	6	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	6	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	6	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	14	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	14	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	14	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	15	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	15	0.82
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	15	0.82
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	10	0.82
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	10	0.82
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	10	0.82
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	19	0.82
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	19	0.82
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	19	0.82
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	9	0.82
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	17	0.82
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	17	0.82
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	17	0.82
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	17	0.82
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	17	0.82
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	17	0.82
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	17	0.82
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	15	0.82
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	15	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	15	0.82
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	5	0.82
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	5	0.82
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	5	0.82
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	13	0.82
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	13	0.82
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	13	0.82
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	16	0.82
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	16	0.82
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	16	0.82
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	5	0.82
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	5	0.82
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	5	0.82
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	15	0.82
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	15	0.82
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	15	0.82
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	1	0.82
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	1	0.82
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	1	0.82
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	4	0.82
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	4	0.82
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	4	0.82
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	17	0.82
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	17	0.82
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	17	0.82
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	13	0.82
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	18	0.82
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	8	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	1	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	1	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	1	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	11	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	11	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	11	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	14	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	14	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	14	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	18	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	18	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	18	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	19	0.82
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	19	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	19	0.82
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	1	0.82
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	20	0.82
(1,444)	1:869:A:VAL:HG21	1:870:A:TYR:H	16	0.82
(1,444)	1:869:A:VAL:HG22	1:870:A:TYR:H	16	0.82
(1,444)	1:869:A:VAL:HG23	1:870:A:TYR:H	16	0.82
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	15	0.82
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	15	0.82
(1,401)	1:862:A:ILE:HD11	1:904:A:LEU:HA	8	0.82
(1,401)	1:862:A:ILE:HD12	1:904:A:LEU:HA	8	0.82
(1,401)	1:862:A:ILE:HD13	1:904:A:LEU:HA	8	0.82
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	7	0.82
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	7	0.82
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	7	0.82
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	9	0.82
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	9	0.82
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	9	0.82
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	16	0.82
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	16	0.82
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	16	0.82
(1,389)	1:862:A:ILE:HG21	1:863:A:GLU:HA	18	0.82
(1,389)	1:862:A:ILE:HG22	1:863:A:GLU:HA	18	0.82
(1,389)	1:862:A:ILE:HG23	1:863:A:GLU:HA	18	0.82
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	9	0.82
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	9	0.82
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	9	0.82
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	14	0.82
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	14	0.82
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	14	0.82
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	12	0.82
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	12	0.82
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	12	0.82
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	10	0.82
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	10	0.82
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	10	0.82
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD11	16	0.82
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD12	16	0.82
(1,355)	1:855:A:GLN:HA	1:896:A:LEU:HD13	16	0.82
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	3	0.82
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	3	0.82
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	3	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	4	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	4	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	4	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	7	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	7	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	7	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	17	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	17	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	17	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	18	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	18	0.82
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	18	0.82
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	13	0.82
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	13	0.82
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	13	0.82
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	11	0.82
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	18	0.82
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	9	0.82
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	14	0.82
(1,238)	1:835:A:LYS:HA	1:838:A:PRO:HD2	2	0.82
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	1	0.82
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	1	0.82
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	1	0.82
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	3	0.82
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	3	0.82
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	3	0.82
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	7	0.82
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	7	0.82
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	7	0.82
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	14	0.82
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	14	0.82
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	14	0.82
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	6	0.82
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	6	0.82
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	6	0.82
(1,165)	1:826:A:ALA:HB1	1:860:A:ASN:HD22	8	0.82
(1,165)	1:826:A:ALA:HB2	1:860:A:ASN:HD22	8	0.82
(1,165)	1:826:A:ALA:HB3	1:860:A:ASN:HD22	8	0.82
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	18	0.82
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	16	0.82
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	16	0.82
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	13	0.82
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	13	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	10	0.82
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	10	0.82
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	10	0.82
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	17	0.82
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	17	0.82
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	17	0.82
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	8	0.82
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	8	0.82
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	8	0.82
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	17	0.82
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	17	0.82
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	17	0.82
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	2	0.82
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	8	0.82
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	4	0.82
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	4	0.82
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	7	0.81
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	7	0.81
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	5	0.81
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	5	0.81
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	13	0.81
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	13	0.81
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	15	0.81
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	15	0.81
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	16	0.81
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	16	0.81
(1,3324)	1:891:A:LYS:HG3	1:894:A:LYS:H	20	0.81
(1,3324)	1:891:A:LYS:HG2	1:894:A:LYS:H	20	0.81
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	6	0.81
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	6	0.81
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	5	0.81
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	5	0.81
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	10	0.81
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	10	0.81
(1,3292)	1:878:A:LYS:HB3	1:879:A:ALA:H	16	0.81
(1,3292)	1:878:A:LYS:HB2	1:879:A:ALA:H	16	0.81
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	1	0.81
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	1	0.81
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	1	0.81
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	1	0.81
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	3	0.81
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	3	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	3	0.81
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	3	0.81
(1,3160)	1:845:A:LEU:HB2	1:881:A:ARG:H	13	0.81
(1,3160)	1:845:A:LEU:HB3	1:881:A:ARG:H	13	0.81
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	15	0.81
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	15	0.81
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	15	0.81
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	15	0.81
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	13	0.81
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	5	0.81
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	5	0.81
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	11	0.81
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	11	0.81
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	8	0.81
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	8	0.81
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	14	0.81
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	14	0.81
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	5	0.81
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	5	0.81
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	10	0.81
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	10	0.81
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	10	0.81
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	10	0.81
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	16	0.81
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	16	0.81
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	16	0.81
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	16	0.81
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	10	0.81
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	10	0.81
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	3	0.81
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	3	0.81
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	12	0.81
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	12	0.81
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	12	0.81
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	12	0.81
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	12	0.81
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	12	0.81
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	19	0.81
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	19	0.81
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	19	0.81
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	19	0.81
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	19	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	19	0.81
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	16	0.81
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	1	0.81
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	2	0.81
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	3	0.81
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	12	0.81
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	18	0.81
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	10	0.81
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	18	0.81
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	4	0.81
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	16	0.81
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	16	0.81
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	17	0.81
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	16	0.81
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	16	0.81
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	16	0.81
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	6	0.81
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	6	0.81
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	6	0.81
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	8	0.81
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	8	0.81
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	8	0.81
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	10	0.81
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	10	0.81
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	10	0.81
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	19	0.81
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	3	0.81
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	3	0.81
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	3	0.81
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	4	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	2	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	2	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	2	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	10	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	10	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	10	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	11	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	11	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	11	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	13	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	13	0.81
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	13	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	12	0.81
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	12	0.81
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	12	0.81
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB3	20	0.81
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB1	20	0.81
(1,2765)	1:832:A:THR:HA	1:833:A:ALA:HB2	20	0.81
(1,2756)	1:812:A:ILE:HG23	1:813:A:ILE:HA	14	0.81
(1,2756)	1:812:A:ILE:HG21	1:813:A:ILE:HA	14	0.81
(1,2756)	1:812:A:ILE:HG22	1:813:A:ILE:HA	14	0.81
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	5	0.81
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	5	0.81
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	5	0.81
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	10	0.81
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	13	0.81
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	15	0.81
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	15	0.81
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	15	0.81
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	18	0.81
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	18	0.81
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	18	0.81
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	8	0.81
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	16	0.81
(1,2714)	1:915:A:GLU:HA	1:918:A:GLN:HG2	15	0.81
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	6	0.81
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	6	0.81
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	6	0.81
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	18	0.81
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	18	0.81
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	18	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	5	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	5	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	5	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	6	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	6	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	6	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	7	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	7	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	7	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD21	13	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD22	13	0.81
(1,2691)	1:920:A:LEU:H	1:920:A:LEU:HD23	13	0.81
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	16	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	16	0.81
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	16	0.81
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	16	0.81
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	12	0.81
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	9	0.81
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	9	0.81
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	4	0.81
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	10	0.81
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	6	0.81
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	6	0.81
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	6	0.81
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	6	0.81
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	6	0.81
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	11	0.81
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	5	0.81
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	5	0.81
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	5	0.81
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	5	0.81
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	14	0.81
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	2	0.81
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	2	0.81
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	14	0.81
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	14	0.81
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	13	0.81
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	7	0.81
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	7	0.81
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	3	0.81
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	3	0.81
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	2	0.81
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	2	0.81
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	15	0.81
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	15	0.81
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	3	0.81
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	3	0.81
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	11	0.81
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	11	0.81
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	2	0.81
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	2	0.81
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	15	0.81
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	15	0.81
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	15	0.81
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	15	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE1	7	0.81
(1,2338)	1:834:A:PRO:HG2	1:875:A:TYR:HE2	7	0.81
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	6	0.81
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	6	0.81
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	6	0.81
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	6	0.81
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	6	0.81
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	6	0.81
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	18	0.81
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	18	0.81
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	18	0.81
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	18	0.81
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	18	0.81
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	18	0.81
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	8	0.81
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	8	0.81
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	2	0.81
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	2	0.81
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	2	0.81
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	2	0.81
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	20	0.81
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	20	0.81
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	16	0.81
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	16	0.81
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	17	0.81
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	12	0.81
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	17	0.81
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	15	0.81
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	15	0.81
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	17	0.81
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	17	0.81
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	3	0.81
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	2	0.81
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	2	0.81
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	12	0.81
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	12	0.81
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	17	0.81
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	3	0.81
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	3	0.81
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	3	0.81
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	6	0.81
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	6	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	6	0.81
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	3	0.81
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	3	0.81
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	3	0.81
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	14	0.81
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	20	0.81
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	2	0.81
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	3	0.81
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	15	0.81
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	2	0.81
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	2	0.81
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	10	0.81
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	10	0.81
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	2	0.81
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	2	0.81
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	12	0.81
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	15	0.81
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	16	0.81
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	11	0.81
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	11	0.81
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	8	0.81
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	8	0.81
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	9	0.81
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	9	0.81
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	14	0.81
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	14	0.81
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	8	0.81
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	10	0.81
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	8	0.81
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	14	0.81
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	5	0.81
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	14	0.81
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	3	0.81
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	16	0.81
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	14	0.81
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	3	0.81
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	3	0.81
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	3	0.81
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	13	0.81
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	13	0.81
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	13	0.81
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	17	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	17	0.81
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	17	0.81
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	12	0.81
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	12	0.81
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	12	0.81
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	18	0.81
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	18	0.81
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	2	0.81
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	6	0.81
(1,1842)	1:890:A:SER:HB2	1:891:A:LYS:H	5	0.81
(1,1842)	1:890:A:SER:HB3	1:891:A:LYS:H	5	0.81
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	10	0.81
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	5	0.81
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	20	0.81
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	20	0.81
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	20	0.81
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	13	0.81
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	13	0.81
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	13	0.81
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	11	0.81
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	9	0.81
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	11	0.81
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	20	0.81
(1,1794)	1:885:A:MET:HG2	1:886:A:LEU:H	6	0.81
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	2	0.81
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	8	0.81
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	9	0.81
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	20	0.81
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	6	0.81
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	19	0.81
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	13	0.81
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	13	0.81
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	17	0.81
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	17	0.81
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	1	0.81
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	6	0.81
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	18	0.81
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	20	0.81
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	9	0.81
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	6	0.81
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	6	0.81
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	20	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	20	0.81
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	2	0.81
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	2	0.81
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	2	0.81
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	3	0.81
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	3	0.81
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	3	0.81
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	14	0.81
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	14	0.81
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	14	0.81
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	20	0.81
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	20	0.81
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	20	0.81
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	12	0.81
(1,1694)	1:877:A:SER:H	1:878:A:LYS:H	5	0.81
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	17	0.81
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	13	0.81
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	5	0.81
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	5	0.81
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	5	0.81
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	5	0.81
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	18	0.81
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	6	0.81
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	9	0.81
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	16	0.81
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	19	0.81
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	6	0.81
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	4	0.81
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	18	0.81
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	6	0.81
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	12	0.81
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	12	0.81
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	19	0.81
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	19	0.81
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	20	0.81
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	18	0.81
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	19	0.81
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	8	0.81
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	8	0.81
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	18	0.81
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	17	0.81
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	12	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	8	0.81
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	10	0.81
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	14	0.81
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	17	0.81
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	6	0.81
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	10	0.81
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	11	0.81
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	11	0.81
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	6	0.81
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	9	0.81
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	20	0.81
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	2	0.81
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	14	0.81
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	15	0.81
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	15	0.81
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	4	0.81
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	7	0.81
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	16	0.81
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	19	0.81
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	16	0.81
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	11	0.81
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	11	0.81
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE1	12	0.81
(1,1278)	1:837:A:LEU:H	1:840:A:PHE:HE2	12	0.81
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	13	0.81
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	8	0.81
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	8	0.81
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	10	0.81
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	1	0.81
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	1	0.81
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	1	0.81
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	4	0.81
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	4	0.81
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	4	0.81
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	5	0.81
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	5	0.81
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	5	0.81
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	10	0.81
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	10	0.81
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	10	0.81
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	15	0.81
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	15	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	15	0.81
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	9	0.81
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	13	0.81
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	12	0.81
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	1	0.81
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	13	0.81
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	13	0.81
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	13	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	1	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	1	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	1	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	7	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	7	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	7	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	11	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	11	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	11	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	18	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	18	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	18	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD11	19	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD12	19	0.81
(1,1188)	1:828:A:LEU:H	1:828:A:LEU:HD13	19	0.81
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	12	0.81
(1,1183)	1:828:A:LEU:H	1:831:A:ILE:HG12	14	0.81
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	19	0.81
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	1	0.81
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	19	0.81
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	20	0.81
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	7	0.81
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	10	0.81
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	10	0.81
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	10	0.81
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	13	0.81
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	6	0.81
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	1	0.81
(1,1069)	1:816:A:LEU:HD12	1:817:A:SER:H	14	0.81
(1,1069)	1:816:A:LEU:HD13	1:817:A:SER:H	14	0.81
(1,1069)	1:816:A:LEU:HD11	1:817:A:SER:H	14	0.81
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	8	0.81
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	5	0.81
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	5	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	5	0.81
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	17	0.81
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	17	0.81
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	17	0.81
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	6	0.81
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	6	0.81
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	6	0.81
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	5	0.81
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	18	0.81
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	12	0.81
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	12	0.81
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	1	0.81
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	1	0.81
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	19	0.81
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	19	0.81
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	18	0.81
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	18	0.81
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	15	0.81
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	8	0.81
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	9	0.81
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	7	0.81
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	10	0.81
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	10	0.81
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	19	0.81
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	19	0.81
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	19	0.81
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	5	0.81
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	13	0.81
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	8	0.81
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	8	0.81
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	8	0.81
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	19	0.81
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	19	0.81
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	19	0.81
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	12	0.81
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	12	0.81
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	12	0.81
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	3	0.81
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	3	0.81
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	18	0.81
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	18	0.81
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	18	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	18	0.81
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	18	0.81
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	18	0.81
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	4	0.81
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE1	3	0.81
(1,805)	1:924:A:TYR:HA	1:924:A:TYR:HE2	3	0.81
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	4	0.81
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	4	0.81
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	10	0.81
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	10	0.81
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	10	0.81
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	12	0.81
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	12	0.81
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	12	0.81
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	18	0.81
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	18	0.81
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	18	0.81
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	14	0.81
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	14	0.81
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	14	0.81
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG3	5	0.81
(1,734)	1:915:A:GLU:HA	1:915:A:GLU:HG2	5	0.81
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	8	0.81
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	1	0.81
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	1	0.81
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	1	0.81
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	7	0.81
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	7	0.81
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	7	0.81
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	2	0.81
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	2	0.81
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	2	0.81
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	12	0.81
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	12	0.81
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	12	0.81
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	18	0.81
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	18	0.81
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	18	0.81
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	10	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	5	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	5	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	5	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	10	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	10	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	10	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	11	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	11	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	11	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	12	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	12	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	12	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	16	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	16	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	16	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	18	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	18	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	18	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	19	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	19	0.81
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	19	0.81
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	13	0.81
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	9	0.81
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	9	0.81
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	4	0.81
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	4	0.81
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	6	0.81
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	6	0.81
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	6	0.81
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	16	0.81
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	16	0.81
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	16	0.81
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	18	0.81
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	18	0.81
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	18	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	8	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	8	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	8	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	9	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	9	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	9	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	10	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	10	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	10	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	17	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	17	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	17	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	19	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	19	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	19	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	20	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	20	0.81
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	20	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	1	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	1	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	1	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	4	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	4	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	4	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	11	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	11	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	11	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	17	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	17	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	17	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	18	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	18	0.81
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	18	0.81
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD11	7	0.81
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD12	7	0.81
(1,585)	1:888:A:LEU:H	1:888:A:LEU:HD13	7	0.81
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	11	0.81
(1,553)	1:885:A:MET:H	1:885:A:MET:HE1	6	0.81
(1,553)	1:885:A:MET:H	1:885:A:MET:HE2	6	0.81
(1,553)	1:885:A:MET:H	1:885:A:MET:HE3	6	0.81
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	6	0.81
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	6	0.81
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	6	0.81
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE1	19	0.81
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE2	19	0.81
(1,549)	1:882:A:PHE:HA	1:885:A:MET:HE3	19	0.81
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	2	0.81
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	2	0.81
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	2	0.81
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	7	0.81
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	7	0.81
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	7	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	13	0.81
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	13	0.81
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	13	0.81
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	16	0.81
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	16	0.81
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	16	0.81
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	1	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	5	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	5	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	5	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	8	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	8	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	8	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	11	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	11	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	11	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	12	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	12	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	12	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	14	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	14	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	14	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	18	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	18	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	18	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	19	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	19	0.81
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	19	0.81
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	20	0.81
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	20	0.81
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	19	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	4	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	4	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	4	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	10	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	10	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	10	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	12	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	12	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	12	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	15	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	15	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	15	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	17	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	17	0.81
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	17	0.81
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	9	0.81
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	16	0.81
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	18	0.81
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	3	0.81
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	3	0.81
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	3	0.81
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	6	0.81
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	6	0.81
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	6	0.81
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	10	0.81
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	10	0.81
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	10	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	9	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	9	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	9	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	10	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	10	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	10	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	13	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	13	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	13	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	20	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	20	0.81
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	20	0.81
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	20	0.81
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	20	0.81
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	20	0.81
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	5	0.81
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	5	0.81
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	5	0.81
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	6	0.81
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	6	0.81
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	6	0.81
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	14	0.81
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	14	0.81
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	14	0.81
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	7	0.81
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	7	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	7	0.81
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	18	0.81
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	18	0.81
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	18	0.81
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	19	0.81
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	19	0.81
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	19	0.81
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	8	0.81
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	8	0.81
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	7	0.81
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	13	0.81
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	13	0.81
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG2	19	0.81
(1,275)	1:846:A:GLU:H	1:846:A:GLU:HG3	19	0.81
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	4	0.81
(1,226)	1:832:A:THR:HG21	1:837:A:LEU:HG	17	0.81
(1,226)	1:832:A:THR:HG22	1:837:A:LEU:HG	17	0.81
(1,226)	1:832:A:THR:HG23	1:837:A:LEU:HG	17	0.81
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	4	0.81
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	12	0.81
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	12	0.81
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	14	0.81
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	14	0.81
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	7	0.81
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	7	0.81
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	17	0.81
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	17	0.81
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	14	0.81
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	14	0.81
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	18	0.81
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	18	0.81
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	9	0.81
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	9	0.81
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	9	0.81
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	13	0.81
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	13	0.81
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	13	0.81
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	19	0.81
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	19	0.81
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	19	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	1	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	1	0.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	1	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	5	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	5	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	5	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	14	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	14	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	14	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	15	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	15	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	15	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	20	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	20	0.81
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	20	0.81
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	6	0.81
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	6	0.81
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	6	0.81
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	16	0.81
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	16	0.81
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	16	0.81
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	20	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	15	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	15	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	15	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	16	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	16	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	16	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	17	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	17	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	17	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	19	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	19	0.81
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	19	0.81
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	18	0.81
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	18	0.81
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	18	0.81
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	11	0.81
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	11	0.81
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	14	0.81
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	14	0.81
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	14	0.81
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	17	0.8
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	17	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	1	0.8
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	1	0.8
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	5	0.8
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	5	0.8
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	13	0.8
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	13	0.8
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	3	0.8
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	3	0.8
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	3	0.8
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	3	0.8
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	3	0.8
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	3	0.8
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	18	0.8
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	18	0.8
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	15	0.8
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	15	0.8
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	2	0.8
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	2	0.8
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	2	0.8
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	2	0.8
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	11	0.8
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	11	0.8
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	11	0.8
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	11	0.8
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	10	0.8
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	10	0.8
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	9	0.8
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	12	0.8
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	15	0.8
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	19	0.8
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	6	0.8
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	6	0.8
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	12	0.8
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	12	0.8
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	4	0.8
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	4	0.8
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	17	0.8
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	17	0.8
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG2	18	0.8
(1,3048)	1:804:A:ASN:H	1:808:A:GLU:HG3	18	0.8
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	12	0.8
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	12	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	13	0.8
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	13	0.8
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	4	0.8
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	9	0.8
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	12	0.8
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	6	0.8
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	17	0.8
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	17	0.8
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	1	0.8
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	1	0.8
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	1	0.8
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD21	19	0.8
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD22	19	0.8
(1,2798)	1:870:A:TYR:HB3	1:904:A:LEU:HD23	19	0.8
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	11	0.8
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	13	0.8
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	10	0.8
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	5	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	3	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	3	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	3	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	4	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	4	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	4	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	14	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	14	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	14	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	20	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	20	0.8
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	20	0.8
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	2	0.8
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	2	0.8
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	2	0.8
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	4	0.8
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	4	0.8
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	4	0.8
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	6	0.8
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	6	0.8
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	6	0.8
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	17	0.8
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	3	0.8
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	3	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	3	0.8
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	10	0.8
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	10	0.8
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	10	0.8
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	12	0.8
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	12	0.8
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	12	0.8
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	19	0.8
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	19	0.8
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	19	0.8
(1,2740)	1:815:A:ALA:HB1	1:816:A:LEU:HA	20	0.8
(1,2740)	1:815:A:ALA:HB2	1:816:A:LEU:HA	20	0.8
(1,2740)	1:815:A:ALA:HB3	1:816:A:LEU:HA	20	0.8
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	11	0.8
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	11	0.8
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	13	0.8
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	13	0.8
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	7	0.8
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	9	0.8
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	1	0.8
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	1	0.8
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	1	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	3	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	3	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	3	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	9	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	9	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	9	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	10	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	10	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	10	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	11	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	11	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	11	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	15	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	15	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	15	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	16	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	16	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	16	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	19	0.8
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	19	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	19	0.8
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	12	0.8
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	8	0.8
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	8	0.8
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	8	0.8
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	8	0.8
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	13	0.8
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	13	0.8
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	13	0.8
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	13	0.8
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	17	0.8
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	17	0.8
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	17	0.8
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	17	0.8
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	12	0.8
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	18	0.8
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	17	0.8
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	13	0.8
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	13	0.8
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	13	0.8
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	13	0.8
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	9	0.8
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	12	0.8
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	18	0.8
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	2	0.8
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	5	0.8
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	9	0.8
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD1	11	0.8
(1,2525)	1:876:A:LEU:HG	1:882:A:PHE:HD2	11	0.8
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	9	0.8
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	9	0.8
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	3	0.8
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	20	0.8
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	15	0.8
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	20	0.8
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	20	0.8
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	1	0.8
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	1	0.8
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	3	0.8
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	3	0.8
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	19	0.8
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	19	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	20	0.8
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	20	0.8
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	18	0.8
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	18	0.8
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	18	0.8
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	18	0.8
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	9	0.8
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	6	0.8
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	20	0.8
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	20	0.8
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	4	0.8
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	4	0.8
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	12	0.8
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	12	0.8
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	12	0.8
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	12	0.8
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	3	0.8
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	3	0.8
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	3	0.8
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	3	0.8
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	3	0.8
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	3	0.8
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	12	0.8
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	12	0.8
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	12	0.8
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	12	0.8
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	12	0.8
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	12	0.8
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	15	0.8
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	15	0.8
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	9	0.8
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	20	0.8
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	13	0.8
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	13	0.8
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	3	0.8
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	3	0.8
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	6	0.8
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	16	0.8
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	4	0.8
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	4	0.8
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	4	0.8
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	8	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	8	0.8
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	8	0.8
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	15	0.8
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	15	0.8
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	15	0.8
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	16	0.8
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	16	0.8
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	16	0.8
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	19	0.8
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	19	0.8
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	19	0.8
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	20	0.8
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	20	0.8
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	20	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	1	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	1	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	1	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	2	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	2	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	2	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	3	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	3	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	3	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	4	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	4	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	4	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	5	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	5	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	5	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	7	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	7	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	7	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	11	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	11	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	11	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	13	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	13	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	13	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	16	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	16	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	16	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	17	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	17	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	17	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	18	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	18	0.8
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	18	0.8
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	1	0.8
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	1	0.8
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	3	0.8
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	11	0.8
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	17	0.8
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	19	0.8
(1,2114)	1:918:A:GLN:HA	1:918:A:GLN:HE22	3	0.8
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	4	0.8
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	4	0.8
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	8	0.8
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	8	0.8
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	16	0.8
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	16	0.8
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	8	0.8
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	10	0.8
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	16	0.8
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	8	0.8
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	9	0.8
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	9	0.8
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	7	0.8
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	7	0.8
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	7	0.8
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	14	0.8
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	14	0.8
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	14	0.8
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD11	18	0.8
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD12	18	0.8
(1,2056)	1:914:A:LEU:H	1:914:A:LEU:HD13	18	0.8
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	14	0.8
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	1	0.8
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	7	0.8
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	4	0.8
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	4	0.8
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	16	0.8
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	16	0.8
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	17	0.8
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	17	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	11	0.8
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	11	0.8
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	7	0.8
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	7	0.8
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	18	0.8
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	1	0.8
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	11	0.8
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	11	0.8
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	18	0.8
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	18	0.8
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	6	0.8
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	6	0.8
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	6	0.8
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	20	0.8
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	20	0.8
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	20	0.8
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	6	0.8
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	6	0.8
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	16	0.8
(1,1856)	1:893:A:GLN:H	1:894:A:LYS:H	19	0.8
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	10	0.8
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	12	0.8
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	13	0.8
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	20	0.8
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	12	0.8
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	15	0.8
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	8	0.8
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	8	0.8
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	8	0.8
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	12	0.8
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	14	0.8
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	19	0.8
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	9	0.8
(1,1799)	1:885:A:MET:H	1:887:A:THR:H	7	0.8
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	20	0.8
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	4	0.8
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	17	0.8
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	1	0.8
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	14	0.8
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	3	0.8
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	11	0.8
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	12	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	18	0.8
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	18	0.8
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	18	0.8
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	5	0.8
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	7	0.8
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	7	0.8
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	7	0.8
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	7	0.8
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	12	0.8
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	12	0.8
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	12	0.8
(1,1710)	1:876:A:LEU:HD13	1:879:A:ALA:H	13	0.8
(1,1710)	1:876:A:LEU:HD11	1:879:A:ALA:H	13	0.8
(1,1710)	1:876:A:LEU:HD12	1:879:A:ALA:H	13	0.8
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	2	0.8
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	12	0.8
(1,1637)	1:874:A:LEU:H	1:874:A:LEU:HB3	17	0.8
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	4	0.8
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	4	0.8
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	4	0.8
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	13	0.8
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	13	0.8
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	13	0.8
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	6	0.8
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	6	0.8
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	6	0.8
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	10	0.8
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	10	0.8
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	15	0.8
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	15	0.8
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	15	0.8
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	2	0.8
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	19	0.8
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	18	0.8
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	12	0.8
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	18	0.8
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	20	0.8
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	4	0.8
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	7	0.8
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	9	0.8
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	13	0.8
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	20	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	6	0.8
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	20	0.8
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	9	0.8
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	15	0.8
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	12	0.8
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	7	0.8
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	19	0.8
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	19	0.8
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	10	0.8
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	10	0.8
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	13	0.8
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	13	0.8
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	3	0.8
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	3	0.8
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	10	0.8
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	10	0.8
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	6	0.8
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	6	0.8
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	6	0.8
(1,1321)	1:842:A:SER:HB3	1:844:A:LYS:H	2	0.8
(1,1321)	1:842:A:SER:HB2	1:844:A:LYS:H	2	0.8
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	19	0.8
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	6	0.8
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	5	0.8
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	5	0.8
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	18	0.8
(1,1276)	1:837:A:LEU:H	1:838:A:PRO:HD2	6	0.8
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	3	0.8
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	15	0.8
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	7	0.8
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	3	0.8
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	11	0.8
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	6	0.8
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	6	0.8
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	6	0.8
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	7	0.8
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	7	0.8
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	7	0.8
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	9	0.8
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	9	0.8
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	9	0.8
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	12	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	12	0.8
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	12	0.8
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	13	0.8
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	13	0.8
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	13	0.8
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	18	0.8
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	18	0.8
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	18	0.8
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	19	0.8
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	19	0.8
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	19	0.8
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	10	0.8
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	5	0.8
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	6	0.8
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	17	0.8
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	6	0.8
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	11	0.8
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	1	0.8
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	1	0.8
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	6	0.8
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	11	0.8
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	11	0.8
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	11	0.8
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	15	0.8
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	15	0.8
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	15	0.8
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	16	0.8
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	16	0.8
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	16	0.8
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	20	0.8
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	20	0.8
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	20	0.8
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	3	0.8
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	9	0.8
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	11	0.8
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	6	0.8
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	6	0.8
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	6	0.8
(1,1129)	1:823:A:GLU:H	1:823:A:GLU:HB2	17	0.8
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	18	0.8
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	9	0.8
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	9	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	6	0.8
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	7	0.8
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	12	0.8
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	8	0.8
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	12	0.8
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	9	0.8
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	17	0.8
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	1	0.8
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	1	0.8
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	1	0.8
(1,1060)	1:852:A:LEU:HD12	1:856:A:SER:H	2	0.8
(1,1060)	1:852:A:LEU:HD13	1:856:A:SER:H	2	0.8
(1,1060)	1:852:A:LEU:HD11	1:856:A:SER:H	2	0.8
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	8	0.8
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	7	0.8
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	7	0.8
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	7	0.8
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	12	0.8
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	12	0.8
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	12	0.8
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	20	0.8
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	20	0.8
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	20	0.8
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	17	0.8
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	16	0.8
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	16	0.8
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	16	0.8
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	3	0.8
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	3	0.8
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	12	0.8
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	12	0.8
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	19	0.8
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	19	0.8
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	19	0.8
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	1	0.8
(1,990)	1:808:A:GLU:H	1:809:A:PHE:H	18	0.8
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	17	0.8
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	17	0.8
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	1	0.8
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	1	0.8
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	2	0.8
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	15	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	17	0.8
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	20	0.8
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	9	0.8
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	10	0.8
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	16	0.8
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	16	0.8
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	16	0.8
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	15	0.8
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	15	0.8
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	15	0.8
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	11	0.8
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	12	0.8
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	13	0.8
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	13	0.8
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	13	0.8
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	2	0.8
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	2	0.8
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	2	0.8
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	7	0.8
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	7	0.8
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	7	0.8
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	18	0.8
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	18	0.8
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	18	0.8
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	19	0.8
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	19	0.8
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	19	0.8
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	4	0.8
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	2	0.8
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	2	0.8
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	2	0.8
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	9	0.8
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	9	0.8
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	9	0.8
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	13	0.8
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	13	0.8
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	13	0.8
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	16	0.8
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	16	0.8
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	16	0.8
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	1	0.8
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	1	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	1	0.8
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	11	0.8
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	11	0.8
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	11	0.8
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	5	0.8
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	5	0.8
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	5	0.8
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	17	0.8
(1,732)	1:845:A:LEU:HD21	1:849:A:THR:HB	14	0.8
(1,732)	1:845:A:LEU:HD22	1:849:A:THR:HB	14	0.8
(1,732)	1:845:A:LEU:HD23	1:849:A:THR:HB	14	0.8
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	3	0.8
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG21	17	0.8
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG22	17	0.8
(1,723)	1:866:A:PRO:HB2	1:907:A:THR:HG23	17	0.8
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	9	0.8
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	9	0.8
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	9	0.8
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	20	0.8
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	20	0.8
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	20	0.8
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	2	0.8
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	2	0.8
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	2	0.8
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	5	0.8
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	5	0.8
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	5	0.8
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	9	0.8
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	9	0.8
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	9	0.8
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	20	0.8
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	20	0.8
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	20	0.8
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	2	0.8
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	5	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	1	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	1	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	1	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	2	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	2	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	2	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	4	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	4	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	4	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	7	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	7	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	7	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	8	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	8	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	8	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	9	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	9	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	9	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	14	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	14	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	14	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	15	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	15	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	15	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	17	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	17	0.8
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	17	0.8
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	7	0.8
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	7	0.8
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	4	0.8
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	4	0.8
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	10	0.8
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	10	0.8
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	10	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	1	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	1	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	1	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	3	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	3	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	3	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	11	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	11	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	11	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	12	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	12	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	12	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG21	18	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG22	18	0.8
(1,597)	1:886:A:LEU:HA	1:889:A:ILE:HG23	18	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	6	0.8
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	6	0.8
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	6	0.8
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	14	0.8
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	14	0.8
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	14	0.8
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	8	0.8
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	12	0.8
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	12	0.8
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	12	0.8
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	12	0.8
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	12	0.8
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	12	0.8
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	13	0.8
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	13	0.8
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	13	0.8
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	13	0.8
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	13	0.8
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	13	0.8
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	6	0.8
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	6	0.8
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	6	0.8
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	3	0.8
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	3	0.8
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	3	0.8
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	11	0.8
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	11	0.8
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	11	0.8
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	19	0.8
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	19	0.8
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	19	0.8
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	15	0.8
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG22	9	0.8
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG23	9	0.8
(1,530)	1:883:A:LYS:HA	1:887:A:THR:HG21	9	0.8
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	18	0.8
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	18	0.8
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	6	0.8
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	6	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	2	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	2	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	2	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	5	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	5	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	5	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	9	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	9	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	9	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	13	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	13	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	13	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	16	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	16	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	16	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	20	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	20	0.8
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	20	0.8
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	15	0.8
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	16	0.8
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	16	0.8
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	16	0.8
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	2	0.8
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	2	0.8
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	2	0.8
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	12	0.8
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	12	0.8
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	12	0.8
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	20	0.8
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	20	0.8
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	20	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	2	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	2	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	2	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	11	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	11	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	11	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	15	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	15	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	15	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD21	19	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD22	19	0.8
(1,377)	1:837:A:LEU:HB2	1:837:A:LEU:HD23	19	0.8
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	18	0.8
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	18	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	4	0.8
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	4	0.8
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	4	0.8
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	8	0.8
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	8	0.8
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	8	0.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	4	0.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	4	0.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	4	0.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	9	0.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	9	0.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	9	0.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD23	12	0.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD21	12	0.8
(1,306)	1:803:A:PRO:HB3	1:828:A:LEU:HD22	12	0.8
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	3	0.8
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	3	0.8
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	3	0.8
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	20	0.8
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	20	0.8
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	20	0.8
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	1	0.8
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	1	0.8
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	1	0.8
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	4	0.8
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	4	0.8
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	4	0.8
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	18	0.8
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	18	0.8
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	18	0.8
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	2	0.8
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	20	0.8
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	19	0.8
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	11	0.8
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	4	0.8
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	6	0.8
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	16	0.8
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	5	0.8
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	15	0.8
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	19	0.8
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	9	0.8
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	9	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	2	0.8
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	2	0.8
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	8	0.8
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	8	0.8
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	7	0.8
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	7	0.8
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	7	0.8
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	1	0.8
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	1	0.8
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	1	0.8
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	12	0.8
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	12	0.8
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	12	0.8
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	14	0.8
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	14	0.8
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	14	0.8
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	20	0.8
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	20	0.8
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	20	0.8
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	4	0.8
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	4	0.8
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	4	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	2	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	2	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	2	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	4	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	4	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	4	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	9	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	9	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	9	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	12	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	12	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	12	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	19	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	19	0.8
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	19	0.8
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	7	0.8
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	7	0.8
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	7	0.8
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	1	0.8
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	1	0.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	1	0.8
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB1	9	0.8
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB2	9	0.8
(1,14)	1:800:A:ILE:HA	1:801:A:ALA:HB3	9	0.8
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD13	1	0.8
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD11	1	0.8
(1,9)	1:799:A:PRO:HA	1:800:A:ILE:HD12	1	0.8
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	10	0.8
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	10	0.8
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	12	0.8
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	12	0.8
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	17	0.8
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD11	3	0.8
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD12	3	0.8
(1,2)	1:798:A:LEU:HA	1:798:A:LEU:HD13	3	0.8
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	11	0.79
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	11	0.79
(1,3359)	1:909:A:ASN:HB2	1:911:A:HIS:HD2	13	0.79
(1,3359)	1:909:A:ASN:HB3	1:911:A:HIS:HD2	13	0.79
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	17	0.79
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	17	0.79
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	4	0.79
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	4	0.79
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	20	0.79
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	20	0.79
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	10	0.79
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	10	0.79
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	10	0.79
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	10	0.79
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	15	0.79
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	15	0.79
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	15	0.79
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	15	0.79
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	3	0.79
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	3	0.79
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	15	0.79
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	15	0.79
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	13	0.79
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	13	0.79
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	13	0.79
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	20	0.79
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	20	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	3	0.79
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	10	0.79
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	10	0.79
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	10	0.79
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	10	0.79
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	10	0.79
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	2	0.79
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	2	0.79
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	9	0.79
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	9	0.79
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	4	0.79
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	4	0.79
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	4	0.79
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	4	0.79
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	4	0.79
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	4	0.79
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	6	0.79
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	6	0.79
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	9	0.79
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	9	0.79
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	2	0.79
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	2	0.79
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	9	0.79
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	9	0.79
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	19	0.79
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	7	0.79
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	7	0.79
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	4	0.79
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	7	0.79
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	5	0.79
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	1	0.79
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	9	0.79
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	9	0.79
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	9	0.79
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	14	0.79
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	14	0.79
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	14	0.79
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	11	0.79
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	18	0.79
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	7	0.79
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	7	0.79
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	7	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	9	0.79
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	9	0.79
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	9	0.79
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	3	0.79
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	3	0.79
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	3	0.79
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	7	0.79
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	7	0.79
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	7	0.79
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	10	0.79
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	10	0.79
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	10	0.79
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	11	0.79
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	11	0.79
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	11	0.79
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	13	0.79
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	13	0.79
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	13	0.79
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	14	0.79
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	14	0.79
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	14	0.79
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	5	0.79
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	7	0.79
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	9	0.79
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	17	0.79
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	7	0.79
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	4	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	2	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	2	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	2	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	5	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	5	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	5	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	8	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	8	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	8	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	12	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	12	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	12	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	13	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	13	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	13	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	17	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	17	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	17	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	20	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	20	0.79
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	20	0.79
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	8	0.79
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	15	0.79
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	15	0.79
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	10	0.79
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	10	0.79
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	10	0.79
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	10	0.79
(1,2649)	1:874:A:LEU:H	1:875:A:TYR:H	9	0.79
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	9	0.79
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	13	0.79
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	14	0.79
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	14	0.79
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	17	0.79
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	17	0.79
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	9	0.79
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	16	0.79
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	7	0.79
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	17	0.79
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	18	0.79
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	6	0.79
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	2	0.79
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	2	0.79
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	10	0.79
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	11	0.79
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	2	0.79
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	9	0.79
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	9	0.79
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	20	0.79
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	20	0.79
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	18	0.79
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	18	0.79
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	15	0.79
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	15	0.79
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	16	0.79
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	16	0.79
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	3	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	14	0.79
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	8	0.79
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	8	0.79
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	15	0.79
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	15	0.79
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	17	0.79
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	17	0.79
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	1	0.79
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	1	0.79
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	10	0.79
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	10	0.79
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	10	0.79
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	10	0.79
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	10	0.79
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	10	0.79
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	11	0.79
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	11	0.79
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	11	0.79
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	11	0.79
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	11	0.79
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	11	0.79
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	6	0.79
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	6	0.79
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	8	0.79
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	8	0.79
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	8	0.79
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	8	0.79
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	9	0.79
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	9	0.79
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	9	0.79
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	9	0.79
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	18	0.79
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	18	0.79
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	2	0.79
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	2	0.79
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	20	0.79
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	20	0.79
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	11	0.79
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	11	0.79
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	11	0.79
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	19	0.79
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	19	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	9	0.79
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	12	0.79
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	12	0.79
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	9	0.79
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	14	0.79
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	10	0.79
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	18	0.79
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	2	0.79
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	14	0.79
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	1	0.79
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	1	0.79
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	1	0.79
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	1	0.79
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	9	0.79
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	9	0.79
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	9	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	8	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	8	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	8	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	10	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	10	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	10	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	12	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	12	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	12	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	14	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	14	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	14	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	15	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	15	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	15	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	19	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	19	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	19	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	20	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	20	0.79
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	20	0.79
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	13	0.79
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	13	0.79
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	13	0.79
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	20	0.79
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	2	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	11	0.79
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	18	0.79
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	18	0.79
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	8	0.79
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	10	0.79
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	19	0.79
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	4	0.79
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	4	0.79
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	12	0.79
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	12	0.79
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	14	0.79
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	14	0.79
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	7	0.79
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	11	0.79
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	2	0.79
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	2	0.79
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	2	0.79
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	2	0.79
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	15	0.79
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	15	0.79
(1,1986)	1:904:A:LEU:HB2	1:905:A:SER:H	18	0.79
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	2	0.79
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	5	0.79
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	19	0.79
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	19	0.79
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	13	0.79
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	13	0.79
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	8	0.79
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	17	0.79
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	20	0.79
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	2	0.79
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	2	0.79
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	2	0.79
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	5	0.79
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	5	0.79
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	5	0.79
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	8	0.79
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	8	0.79
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	8	0.79
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	15	0.79
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	15	0.79
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	15	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	16	0.79
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	16	0.79
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	16	0.79
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	4	0.79
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	4	0.79
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	4	0.79
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	5	0.79
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	5	0.79
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	5	0.79
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	10	0.79
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	10	0.79
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	10	0.79
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	17	0.79
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	20	0.79
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	20	0.79
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	7	0.79
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	4	0.79
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	14	0.79
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	4	0.79
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	8	0.79
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	14	0.79
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	16	0.79
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	16	0.79
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	16	0.79
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	1	0.79
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	20	0.79
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	10	0.79
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	18	0.79
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	5	0.79
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	14	0.79
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	17	0.79
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	18	0.79
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	11	0.79
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	6	0.79
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	4	0.79
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	16	0.79
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	13	0.79
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	4	0.79
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	4	0.79
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	16	0.79
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	12	0.79
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	13	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	5	0.79
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	13	0.79
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	14	0.79
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	7	0.79
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	7	0.79
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	7	0.79
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	7	0.79
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	14	0.79
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	14	0.79
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	3	0.79
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	4	0.79
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	4	0.79
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	3	0.79
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	15	0.79
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	17	0.79
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	17	0.79
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	18	0.79
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	18	0.79
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	19	0.79
(1,1516)	1:860:A:ASN:HA	1:863:A:GLU:H	1	0.79
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	11	0.79
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	17	0.79
(1,1490)	1:855:A:GLN:HA	1:859:A:ASN:HD22	12	0.79
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	14	0.79
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	5	0.79
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	6	0.79
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	8	0.79
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	10	0.79
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	7	0.79
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	10	0.79
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	19	0.79
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	11	0.79
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	6	0.79
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	6	0.79
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	6	0.79
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	9	0.79
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	16	0.79
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	4	0.79
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	14	0.79
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	3	0.79
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	2	0.79
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	2	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	2	0.79
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	4	0.79
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	4	0.79
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	4	0.79
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE1	10	0.79
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE2	10	0.79
(1,1332)	1:847:A:GLY:H	1:885:A:MET:HE3	10	0.79
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	7	0.79
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	15	0.79
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	10	0.79
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	7	0.79
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	20	0.79
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	20	0.79
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	20	0.79
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	6	0.79
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	6	0.79
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	8	0.79
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	12	0.79
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	13	0.79
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	19	0.79
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	8	0.79
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	8	0.79
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	8	0.79
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	14	0.79
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	14	0.79
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	14	0.79
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	20	0.79
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	20	0.79
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	20	0.79
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	7	0.79
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	8	0.79
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	1	0.79
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	1	0.79
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	1	0.79
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	2	0.79
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	2	0.79
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	2	0.79
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	7	0.79
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	7	0.79
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	7	0.79
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	9	0.79
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	9	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	9	0.79
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	20	0.79
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	18	0.79
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	1	0.79
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	2	0.79
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	10	0.79
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	17	0.79
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	3	0.79
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	10	0.79
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	10	0.79
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	3	0.79
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	3	0.79
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	3	0.79
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	4	0.79
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	4	0.79
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	4	0.79
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	4	0.79
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	4	0.79
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	19	0.79
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	19	0.79
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	20	0.79
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	20	0.79
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	10	0.79
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	3	0.79
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	5	0.79
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	8	0.79
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	16	0.79
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	1	0.79
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	1	0.79
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	10	0.79
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	10	0.79
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	18	0.79
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	18	0.79
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	16	0.79
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	5	0.79
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	14	0.79
(1,1110)	1:819:A:ARG:H	1:820:A:LYS:H	18	0.79
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	6	0.79
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	10	0.79
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	10	0.79
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	19	0.79
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	20	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	9	0.79
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	9	0.79
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	12	0.79
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	12	0.79
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	12	0.79
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	20	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	3	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	3	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	3	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	4	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	4	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	4	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	5	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	5	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	5	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	16	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	16	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	16	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	20	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	20	0.79
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	20	0.79
(1,1022)	1:812:A:ILE:HB	1:813:A:ILE:H	14	0.79
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	4	0.79
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	6	0.79
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	20	0.79
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	11	0.79
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	11	0.79
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	7	0.79
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	11	0.79
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	17	0.79
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	17	0.79
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	13	0.79
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	13	0.79
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	1	0.79
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	1	0.79
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	4	0.79
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	4	0.79
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	13	0.79
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	13	0.79
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	2	0.79
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	4	0.79
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	20	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,954)	1:806:A:ALA:H	1:840:A:PHE:HA	4	0.79
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	10	0.79
(1,940)	1:804:A:ASN:HB2	1:805:A:ASN:HD21	16	0.79
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	2	0.79
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	2	0.79
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	5	0.79
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	5	0.79
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	12	0.79
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	12	0.79
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	8	0.79
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	8	0.79
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	14	0.79
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	14	0.79
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	14	0.79
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	6	0.79
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	6	0.79
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	6	0.79
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	11	0.79
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	11	0.79
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	17	0.79
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	9	0.79
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	9	0.79
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	6	0.79
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	20	0.79
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	4	0.79
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	4	0.79
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	4	0.79
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	20	0.79
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	20	0.79
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	20	0.79
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	4	0.79
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	4	0.79
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	4	0.79
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	11	0.79
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	11	0.79
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	11	0.79
(1,762)	1:914:A:LEU:HD21	1:918:A:GLN:HG3	17	0.79
(1,762)	1:914:A:LEU:HD22	1:918:A:GLN:HG3	17	0.79
(1,762)	1:914:A:LEU:HD23	1:918:A:GLN:HG3	17	0.79
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	19	0.79
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	19	0.79
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	19	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	12	0.79
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	12	0.79
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	12	0.79
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	5	0.79
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	5	0.79
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	5	0.79
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	14	0.79
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	1	0.79
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	1	0.79
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	1	0.79
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	10	0.79
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	10	0.79
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	10	0.79
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	17	0.79
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	16	0.79
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	16	0.79
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	16	0.79
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	3	0.79
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	13	0.79
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	11	0.79
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	11	0.79
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	11	0.79
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	7	0.79
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	9	0.79
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	14	0.79
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	3	0.79
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	3	0.79
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	3	0.79
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	6	0.79
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	6	0.79
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	6	0.79
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD21	20	0.79
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD22	20	0.79
(1,639)	1:896:A:LEU:HB2	1:896:A:LEU:HD23	20	0.79
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	19	0.79
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	19	0.79
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	19	0.79
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	15	0.79
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	15	0.79
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	15	0.79
(1,600)	1:889:A:ILE:HD12	1:897:A:ILE:HG13	17	0.79
(1,600)	1:889:A:ILE:HD13	1:897:A:ILE:HG13	17	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,600)	1:889:A:ILE:HD11	1:897:A:ILE:HG13	17	0.79
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD12	15	0.79
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD13	15	0.79
(1,589)	1:889:A:ILE:HA	1:889:A:ILE:HD11	15	0.79
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	2	0.79
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	4	0.79
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	5	0.79
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	15	0.79
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	20	0.79
(1,562)	1:886:A:LEU:HD12	1:924:A:TYR:HA	15	0.79
(1,562)	1:886:A:LEU:HD13	1:924:A:TYR:HA	15	0.79
(1,562)	1:886:A:LEU:HD11	1:924:A:TYR:HA	15	0.79
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG12	12	0.79
(1,558)	1:886:A:LEU:HA	1:889:A:ILE:HG13	12	0.79
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	9	0.79
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	9	0.79
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	9	0.79
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE1	8	0.79
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE2	8	0.79
(1,546)	1:885:A:MET:HG2	1:885:A:MET:HE3	8	0.79
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	1	0.79
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	1	0.79
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	16	0.79
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	1	0.79
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	6	0.79
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	6	0.79
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	6	0.79
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD21	7	0.79
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD22	7	0.79
(1,454)	1:871:A:GLN:HA	1:874:A:LEU:HD23	7	0.79
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	6	0.79
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	13	0.79
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	13	0.79
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	13	0.79
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	5	0.79
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	5	0.79
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	5	0.79
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	6	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	1	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	1	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	1	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	4	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	4	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	4	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	11	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	11	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	11	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	17	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	17	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	17	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	18	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	18	0.79
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	18	0.79
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	10	0.79
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	10	0.79
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	10	0.79
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	11	0.79
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	11	0.79
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	11	0.79
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	4	0.79
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	17	0.79
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	1	0.79
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	1	0.79
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	1	0.79
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	2	0.79
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	2	0.79
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	2	0.79
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	10	0.79
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	10	0.79
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	10	0.79
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	12	0.79
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	12	0.79
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	12	0.79
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	15	0.79
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	15	0.79
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	15	0.79
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	2	0.79
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	2	0.79
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	2	0.79
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	11	0.79
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	11	0.79
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	11	0.79
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	14	0.79
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	14	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	14	0.79
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	17	0.79
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	17	0.79
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	17	0.79
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	19	0.79
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	19	0.79
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	19	0.79
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	18	0.79
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	18	0.79
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	18	0.79
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	18	0.79
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	2	0.79
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	13	0.79
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB2	9	0.79
(1,276)	1:848:A:ASP:HA	1:848:A:ASP:HB3	9	0.79
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	7	0.79
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	17	0.79
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	17	0.79
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	17	0.79
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	8	0.79
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	12	0.79
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	13	0.79
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG2	16	0.79
(1,141)	1:823:A:GLU:HB3	1:823:A:GLU:HG3	16	0.79
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB2	17	0.79
(1,135)	1:821:A:ASP:HA	1:822:A:LYS:HB3	17	0.79
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	8	0.79
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	13	0.79
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	1	0.79
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	1	0.79
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	16	0.79
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	16	0.79
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	16	0.79
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	2	0.79
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	2	0.79
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	2	0.79
(1,119)	1:816:A:LEU:HD12	1:821:A:ASP:HB2	15	0.79
(1,119)	1:816:A:LEU:HD13	1:821:A:ASP:HB2	15	0.79
(1,119)	1:816:A:LEU:HD11	1:821:A:ASP:HB2	15	0.79
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	9	0.79
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	9	0.79
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	9	0.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,92)	1:813:A:ILE:HG21	1:852:A:LEU:HB3	16	0.79
(1,92)	1:813:A:ILE:HG22	1:852:A:LEU:HB3	16	0.79
(1,92)	1:813:A:ILE:HG23	1:852:A:LEU:HB3	16	0.79
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	18	0.79
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	3	0.79
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	3	0.79
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	3	0.79
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	18	0.79
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	18	0.79
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	18	0.79
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	4	0.79
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	4	0.79
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	4	0.79
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	8	0.79
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	8	0.79
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	8	0.79
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	12	0.79
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	15	0.79
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	7	0.79
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	7	0.79
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	1	0.79
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	1	0.79
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	13	0.79
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	13	0.79
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	15	0.78
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	15	0.78
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	16	0.78
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	16	0.78
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	20	0.78
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	20	0.78
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	11	0.78
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	11	0.78
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	1	0.78
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	1	0.78
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	19	0.78
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	19	0.78
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	17	0.78
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	18	0.78
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	20	0.78
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	12	0.78
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	12	0.78
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	3	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	3	0.78
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	18	0.78
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	18	0.78
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	7	0.78
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	20	0.78
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	17	0.78
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	17	0.78
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	17	0.78
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	1	0.78
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	1	0.78
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	19	0.78
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	19	0.78
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	6	0.78
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	6	0.78
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	4	0.78
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	4	0.78
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	10	0.78
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	10	0.78
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	3	0.78
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	3	0.78
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	3	0.78
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	3	0.78
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	20	0.78
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	20	0.78
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	7	0.78
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	7	0.78
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	12	0.78
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	12	0.78
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	19	0.78
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	19	0.78
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	1	0.78
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	1	0.78
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	2	0.78
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	17	0.78
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	18	0.78
(1,2954)	1:874:A:LEU:HA	1:877:A:SER:H	13	0.78
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	3	0.78
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	17	0.78
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	1	0.78
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	9	0.78
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	9	0.78
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	9	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	12	0.78
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	12	0.78
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	12	0.78
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	2	0.78
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	2	0.78
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	2	0.78
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	5	0.78
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	5	0.78
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	5	0.78
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	6	0.78
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	6	0.78
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	6	0.78
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	12	0.78
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	12	0.78
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	12	0.78
(1,2812)	1:889:A:ILE:HG21	1:894:A:LYS:HB2	20	0.78
(1,2812)	1:889:A:ILE:HG22	1:894:A:LYS:HB2	20	0.78
(1,2812)	1:889:A:ILE:HG23	1:894:A:LYS:HB2	20	0.78
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	13	0.78
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	1	0.78
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	1	0.78
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	1	0.78
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	15	0.78
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	15	0.78
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	15	0.78
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	19	0.78
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	19	0.78
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	19	0.78
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	10	0.78
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	10	0.78
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	10	0.78
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	15	0.78
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	15	0.78
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	15	0.78
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	15	0.78
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	15	0.78
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	15	0.78
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	16	0.78
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	16	0.78
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	16	0.78
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	20	0.78
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	20	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	20	0.78
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	6	0.78
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	14	0.78
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	16	0.78
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	17	0.78
(1,2706)	1:868:A:LEU:HD11	1:872:A:HIS:HD2	18	0.78
(1,2706)	1:868:A:LEU:HD12	1:872:A:HIS:HD2	18	0.78
(1,2706)	1:868:A:LEU:HD13	1:872:A:HIS:HD2	18	0.78
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	18	0.78
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	1	0.78
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	1	0.78
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	1	0.78
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	4	0.78
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	4	0.78
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	4	0.78
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	4	0.78
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	4	0.78
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	4	0.78
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	13	0.78
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	19	0.78
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	4	0.78
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	4	0.78
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	4	0.78
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	4	0.78
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	18	0.78
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	18	0.78
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	9	0.78
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	9	0.78
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	9	0.78
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	9	0.78
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	9	0.78
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	9	0.78
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	20	0.78
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	12	0.78
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	12	0.78
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	10	0.78
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	14	0.78
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	5	0.78
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	7	0.78
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	9	0.78
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	14	0.78
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	15	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	15	0.78
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	11	0.78
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	17	0.78
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	2	0.78
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	2	0.78
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	13	0.78
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	13	0.78
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	10	0.78
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	8	0.78
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	18	0.78
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	8	0.78
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	2	0.78
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	2	0.78
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	6	0.78
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	6	0.78
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	8	0.78
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	8	0.78
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	2	0.78
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	2	0.78
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	8	0.78
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	8	0.78
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD2	16	0.78
(1,2335)	1:803:A:PRO:HB2	1:809:A:PHE:HD1	16	0.78
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	13	0.78
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	13	0.78
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	13	0.78
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	13	0.78
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	13	0.78
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	13	0.78
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	20	0.78
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	20	0.78
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	20	0.78
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	20	0.78
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	15	0.78
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	15	0.78
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	17	0.78
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	17	0.78
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	18	0.78
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	18	0.78
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	14	0.78
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	9	0.78
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	10	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	10	0.78
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	14	0.78
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	14	0.78
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	17	0.78
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	17	0.78
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	9	0.78
(1,2152)	1:917:A:ILE:HG21	1:921:A:LYS:H	2	0.78
(1,2152)	1:917:A:ILE:HG22	1:921:A:LYS:H	2	0.78
(1,2152)	1:917:A:ILE:HG23	1:921:A:LYS:H	2	0.78
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD11	9	0.78
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD12	9	0.78
(1,2146)	1:920:A:LEU:H	1:920:A:LEU:HD13	9	0.78
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	6	0.78
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	6	0.78
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	6	0.78
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	6	0.78
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	7	0.78
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	14	0.78
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	18	0.78
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	15	0.78
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	20	0.78
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	15	0.78
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	4	0.78
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	14	0.78
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	2	0.78
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	17	0.78
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	20	0.78
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	18	0.78
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	18	0.78
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	3	0.78
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	17	0.78
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	17	0.78
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	10	0.78
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	14	0.78
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	14	0.78
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	18	0.78
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	18	0.78
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	4	0.78
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	4	0.78
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	13	0.78
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	13	0.78
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	8	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1908)	1:898:A:GLU:HB2	1:899:A:GLN:H	12	0.78
(1,1908)	1:898:A:GLU:HB3	1:899:A:GLN:H	12	0.78
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	4	0.78
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	13	0.78
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	20	0.78
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	19	0.78
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	19	0.78
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	19	0.78
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	5	0.78
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	17	0.78
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	17	0.78
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	1	0.78
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	3	0.78
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	10	0.78
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	2	0.78
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	2	0.78
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	2	0.78
(1,1819)	1:887:A:THR:HG22	1:888:A:LEU:H	6	0.78
(1,1819)	1:887:A:THR:HG23	1:888:A:LEU:H	6	0.78
(1,1819)	1:887:A:THR:HG21	1:888:A:LEU:H	6	0.78
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	1	0.78
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	5	0.78
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	8	0.78
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	12	0.78
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	12	0.78
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	16	0.78
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	1	0.78
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	16	0.78
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	20	0.78
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	1	0.78
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	9	0.78
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD11	18	0.78
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD12	18	0.78
(1,1636)	1:874:A:LEU:H	1:920:A:LEU:HD13	18	0.78
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	8	0.78
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	8	0.78
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	8	0.78
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	14	0.78
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	14	0.78
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	14	0.78
(1,1606)	1:871:A:GLN:H	1:872:A:HIS:H	9	0.78
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	7	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	7	0.78
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	14	0.78
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	10	0.78
(1,1568)	1:868:A:LEU:H	1:868:A:LEU:HB3	14	0.78
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	18	0.78
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	20	0.78
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	11	0.78
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	11	0.78
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	19	0.78
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	19	0.78
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	8	0.78
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	8	0.78
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	11	0.78
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	11	0.78
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG3	15	0.78
(1,1519)	1:863:A:GLU:H	1:863:A:GLU:HG2	15	0.78
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	10	0.78
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	16	0.78
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	2	0.78
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	2	0.78
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	13	0.78
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	13	0.78
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	16	0.78
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	1	0.78
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	4	0.78
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	11	0.78
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	2	0.78
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	3	0.78
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	6	0.78
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	8	0.78
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	3	0.78
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	18	0.78
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	5	0.78
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	5	0.78
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	5	0.78
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	12	0.78
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	12	0.78
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	12	0.78
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	15	0.78
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	11	0.78
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	11	0.78
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	17	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	8	0.78
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	5	0.78
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	12	0.78
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB2	5	0.78
(1,1335)	1:847:A:GLY:H	1:848:A:ASP:HB3	5	0.78
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	15	0.78
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	15	0.78
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	4	0.78
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	18	0.78
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	20	0.78
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	1	0.78
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	1	0.78
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	1	0.78
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	6	0.78
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	6	0.78
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	6	0.78
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	7	0.78
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	7	0.78
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	7	0.78
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	8	0.78
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	9	0.78
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	3	0.78
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	18	0.78
(1,1237)	1:831:A:ILE:HG22	1:832:A:THR:H	17	0.78
(1,1237)	1:831:A:ILE:HG23	1:832:A:THR:H	17	0.78
(1,1237)	1:831:A:ILE:HG21	1:832:A:THR:H	17	0.78
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	19	0.78
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	20	0.78
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	10	0.78
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	2	0.78
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	12	0.78
(1,1191)	1:828:A:LEU:HD23	1:829:A:LEU:H	19	0.78
(1,1191)	1:828:A:LEU:HD21	1:829:A:LEU:H	19	0.78
(1,1191)	1:828:A:LEU:HD22	1:829:A:LEU:H	19	0.78
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	16	0.78
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	9	0.78
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	16	0.78
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	4	0.78
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	5	0.78
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	8	0.78
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	12	0.78
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	18	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	9	0.78
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	13	0.78
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	13	0.78
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	13	0.78
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	14	0.78
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	14	0.78
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	1	0.78
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	17	0.78
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	2	0.78
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	13	0.78
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	10	0.78
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	4	0.78
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	20	0.78
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	7	0.78
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	6	0.78
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	6	0.78
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	6	0.78
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	15	0.78
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	20	0.78
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	20	0.78
(1,1026)	1:813:A:ILE:HG21	1:814:A:ASN:H	12	0.78
(1,1026)	1:813:A:ILE:HG22	1:814:A:ASN:H	12	0.78
(1,1026)	1:813:A:ILE:HG23	1:814:A:ASN:H	12	0.78
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	19	0.78
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	16	0.78
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	16	0.78
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	1	0.78
(1,987)	1:807:A:TYR:HD1	1:809:A:PHE:H	8	0.78
(1,987)	1:807:A:TYR:HD2	1:809:A:PHE:H	8	0.78
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	9	0.78
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	9	0.78
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	9	0.78
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	12	0.78
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	15	0.78
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	18	0.78
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	19	0.78
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	6	0.78
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	10	0.78
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	15	0.78
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	12	0.78
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	20	0.78
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	20	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	20	0.78
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	14	0.78
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	14	0.78
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	14	0.78
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	16	0.78
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	16	0.78
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	16	0.78
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	7	0.78
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	2	0.78
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	7	0.78
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	17	0.78
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	4	0.78
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	4	0.78
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	12	0.78
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD21	18	0.78
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD22	18	0.78
(1,780)	1:874:A:LEU:HG	1:920:A:LEU:HD23	18	0.78
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	7	0.78
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	7	0.78
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	7	0.78
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	2	0.78
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	2	0.78
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	2	0.78
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	4	0.78
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	4	0.78
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	4	0.78
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	18	0.78
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	18	0.78
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	18	0.78
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	20	0.78
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	20	0.78
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	20	0.78
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	11	0.78
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	11	0.78
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	11	0.78
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	9	0.78
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	9	0.78
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	9	0.78
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	12	0.78
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	12	0.78
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	12	0.78
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	13	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	13	0.78
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	13	0.78
(1,719)	1:907:A:THR:HG21	1:908:A:PRO:HD2	8	0.78
(1,719)	1:907:A:THR:HG22	1:908:A:PRO:HD2	8	0.78
(1,719)	1:907:A:THR:HG23	1:908:A:PRO:HD2	8	0.78
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	8	0.78
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	12	0.78
(1,705)	1:902:A:GLU:HB2	1:903:A:ASP:HA	16	0.78
(1,705)	1:902:A:GLU:HB3	1:903:A:ASP:HA	16	0.78
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	10	0.78
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	10	0.78
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	10	0.78
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	16	0.78
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	16	0.78
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	16	0.78
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	13	0.78
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	13	0.78
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	13	0.78
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	8	0.78
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	19	0.78
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	14	0.78
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	5	0.78
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	5	0.78
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	14	0.78
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	14	0.78
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	20	0.78
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	20	0.78
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG2	7	0.78
(1,608)	1:891:A:LYS:HA	1:894:A:LYS:HG3	7	0.78
(1,573)	1:829:A:LEU:HD21	1:853:A:LEU:HB3	9	0.78
(1,573)	1:829:A:LEU:HD22	1:853:A:LEU:HB3	9	0.78
(1,573)	1:829:A:LEU:HD23	1:853:A:LEU:HB3	9	0.78
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	2	0.78
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	2	0.78
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	2	0.78
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	3	0.78
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	3	0.78
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	3	0.78
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	14	0.78
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	14	0.78
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	14	0.78
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	1	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	1	0.78
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	1	0.78
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	4	0.78
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	4	0.78
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	4	0.78
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	12	0.78
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	12	0.78
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	12	0.78
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	19	0.78
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	19	0.78
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	19	0.78
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	10	0.78
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	10	0.78
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	16	0.78
(1,484)	1:874:A:LEU:HA	1:874:A:LEU:HG	14	0.78
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	15	0.78
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	18	0.78
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	17	0.78
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	9	0.78
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	3	0.78
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	3	0.78
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	3	0.78
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	8	0.78
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	8	0.78
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	8	0.78
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	14	0.78
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	14	0.78
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	14	0.78
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	6	0.78
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	6	0.78
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	6	0.78
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	11	0.78
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	11	0.78
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	11	0.78
(1,421)	1:866:A:PRO:HA	1:869:A:VAL:HB	4	0.78
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	5	0.78
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	5	0.78
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	5	0.78
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	8	0.78
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	8	0.78
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	8	0.78
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	10	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	10	0.78
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	10	0.78
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	20	0.78
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	20	0.78
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	20	0.78
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG21	14	0.78
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG22	14	0.78
(1,390)	1:858:A:LYS:HA	1:862:A:ILE:HG23	14	0.78
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	20	0.78
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	20	0.78
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	20	0.78
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	7	0.78
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	7	0.78
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	7	0.78
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	13	0.78
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	4	0.78
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	4	0.78
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	4	0.78
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	5	0.78
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	5	0.78
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	5	0.78
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	6	0.78
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	6	0.78
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	6	0.78
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	11	0.78
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	11	0.78
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	11	0.78
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	13	0.78
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	13	0.78
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	13	0.78
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	16	0.78
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	16	0.78
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	16	0.78
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	15	0.78
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	15	0.78
(1,284)	1:849:A:THR:HG22	1:852:A:LEU:HB2	12	0.78
(1,284)	1:849:A:THR:HG23	1:852:A:LEU:HB2	12	0.78
(1,284)	1:849:A:THR:HG21	1:852:A:LEU:HB2	12	0.78
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	10	0.78
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	19	0.78
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	20	0.78
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	6	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	6	0.78
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	6	0.78
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	11	0.78
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	11	0.78
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	11	0.78
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	16	0.78
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	16	0.78
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	16	0.78
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	10	0.78
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	10	0.78
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	10	0.78
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	10	0.78
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	10	0.78
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	10	0.78
(1,161)	1:826:A:ALA:HA	1:830:A:ALA:H	2	0.78
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	2	0.78
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	9	0.78
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	19	0.78
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	11	0.78
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	11	0.78
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	11	0.78
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	13	0.78
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	13	0.78
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	13	0.78
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD11	16	0.78
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD12	16	0.78
(1,69)	1:812:A:ILE:HA	1:812:A:ILE:HD13	16	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	10	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	10	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	10	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	14	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	14	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	14	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	15	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	15	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	15	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	20	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	20	0.78
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	20	0.78
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	15	0.78
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	15	0.78
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	15	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	14	0.78
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	4	0.78
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	4	0.78
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	5	0.78
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	5	0.78
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	14	0.78
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	14	0.78
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	16	0.78
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	16	0.78
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	4	0.78
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	4	0.78
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	20	0.78
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	20	0.78
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	5	0.78
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	15	0.78
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	9	0.77
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	9	0.77
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	14	0.77
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	14	0.77
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	10	0.77
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	10	0.77
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	13	0.77
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	13	0.77
(1,3293)	1:878:A:LYS:HB3	1:879:A:ALA:HA	18	0.77
(1,3293)	1:878:A:LYS:HB2	1:879:A:ALA:HA	18	0.77
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	16	0.77
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	16	0.77
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	17	0.77
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	17	0.77
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	2	0.77
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	3	0.77
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	7	0.77
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	8	0.77
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	14	0.77
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	15	0.77
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	2	0.77
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	2	0.77
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	4	0.77
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	4	0.77
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	7	0.77
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	7	0.77
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	1	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	1	0.77
(1,3143)	1:839:A:MET:HB2	1:840:A:PHE:H	13	0.77
(1,3143)	1:839:A:MET:HB3	1:840:A:PHE:H	13	0.77
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	1	0.77
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	1	0.77
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	1	0.77
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	1	0.77
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	1	0.77
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	1	0.77
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG2	2	0.77
(1,3089)	1:821:A:ASP:HA	1:822:A:LYS:HG3	2	0.77
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	19	0.77
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	19	0.77
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB2	13	0.77
(1,3082)	1:817:A:SER:H	1:817:A:SER:HB3	13	0.77
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	9	0.77
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	9	0.77
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG2	10	0.77
(1,3074)	1:811:A:GLN:H	1:811:A:GLN:HG3	10	0.77
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	8	0.77
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	8	0.77
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	8	0.77
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	8	0.77
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	20	0.77
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	20	0.77
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	20	0.77
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	20	0.77
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	20	0.77
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	20	0.77
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	13	0.77
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	13	0.77
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	20	0.77
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	20	0.77
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	4	0.77
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	3	0.77
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	3	0.77
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	20	0.77
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	1	0.77
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	7	0.77
(1,2930)	1:862:A:ILE:HG21	1:863:A:GLU:HG2	20	0.77
(1,2930)	1:862:A:ILE:HG22	1:863:A:GLU:HG2	20	0.77
(1,2930)	1:862:A:ILE:HG23	1:863:A:GLU:HG2	20	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	12	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	8	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	8	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	8	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	9	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	9	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	9	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	10	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	10	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	10	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	14	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	14	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	14	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	16	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	16	0.77
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	16	0.77
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	2	0.77
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	11	0.77
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	11	0.77
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	11	0.77
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	15	0.77
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	15	0.77
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	15	0.77
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	7	0.77
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	1	0.77
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	1	0.77
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	1	0.77
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD11	6	0.77
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD12	6	0.77
(1,2770)	1:904:A:LEU:HA	1:904:A:LEU:HD13	6	0.77
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	1	0.77
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	1	0.77
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	1	0.77
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	1	0.77
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	1	0.77
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	1	0.77
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	9	0.77
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	9	0.77
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	9	0.77
(1,2749)	1:897:A:ILE:HG21	1:898:A:GLU:HA	19	0.77
(1,2749)	1:897:A:ILE:HG22	1:898:A:GLU:HA	19	0.77
(1,2749)	1:897:A:ILE:HG23	1:898:A:GLU:HA	19	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	2	0.77
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	15	0.77
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	6	0.77
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	6	0.77
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	3	0.77
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	7	0.77
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	7	0.77
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	7	0.77
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG21	14	0.77
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG22	14	0.77
(1,2698)	1:897:A:ILE:H	1:897:A:ILE:HG23	14	0.77
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG2	5	0.77
(1,2685)	1:823:A:GLU:H	1:823:A:GLU:HG3	5	0.77
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	10	0.77
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE1	4	0.77
(1,2665)	1:805:A:ASN:H	1:840:A:PHE:HE2	4	0.77
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	17	0.77
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	17	0.77
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	12	0.77
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	5	0.77
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	5	0.77
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	5	0.77
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	5	0.77
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	12	0.77
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	12	0.77
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	12	0.77
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	12	0.77
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	14	0.77
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	5	0.77
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	1	0.77
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	1	0.77
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	4	0.77
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	4	0.77
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	20	0.77
(1,2470)	1:870:A:TYR:HE2	1:916:A:ASP:HB3	4	0.77
(1,2470)	1:870:A:TYR:HE1	1:916:A:ASP:HB3	4	0.77
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	11	0.77
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	11	0.77
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	7	0.77
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	4	0.77
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	4	0.77
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	13	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	3	0.77
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	3	0.77
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	1	0.77
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	1	0.77
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	7	0.77
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	7	0.77
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	15	0.77
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	15	0.77
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	15	0.77
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	15	0.77
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	15	0.77
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	15	0.77
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	3	0.77
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	3	0.77
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	3	0.77
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	3	0.77
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	5	0.77
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	5	0.77
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	5	0.77
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	5	0.77
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	17	0.77
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	17	0.77
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	17	0.77
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	17	0.77
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	16	0.77
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	16	0.77
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	9	0.77
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	9	0.77
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	11	0.77
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	5	0.77
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	5	0.77
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	19	0.77
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	19	0.77
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	1	0.77
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	13	0.77
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	15	0.77
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	3	0.77
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	3	0.77
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	2	0.77
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	18	0.77
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	9	0.77
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	9	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	9	0.77
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	10	0.77
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	10	0.77
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	5	0.77
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	15	0.77
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	16	0.77
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	5	0.77
(1,2120)	1:917:A:ILE:HG21	1:918:A:GLN:HE22	11	0.77
(1,2120)	1:917:A:ILE:HG22	1:918:A:GLN:HE22	11	0.77
(1,2120)	1:917:A:ILE:HG23	1:918:A:GLN:HE22	11	0.77
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	18	0.77
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	20	0.77
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	20	0.77
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	18	0.77
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	8	0.77
(1,2070)	1:915:A:GLU:H	1:915:A:GLU:HB2	15	0.77
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	3	0.77
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	3	0.77
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	3	0.77
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	12	0.77
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	20	0.77
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	9	0.77
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	17	0.77
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	2	0.77
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	2	0.77
(1,2008)	1:906:A:ASP:HB3	1:907:A:THR:H	5	0.77
(1,2008)	1:906:A:ASP:HB2	1:907:A:THR:H	5	0.77
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	18	0.77
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	18	0.77
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	4	0.77
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	13	0.77
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	13	0.77
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB2	10	0.77
(1,1991)	1:905:A:SER:H	1:906:A:ASP:HB3	10	0.77
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	1	0.77
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	1	0.77
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	2	0.77
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	2	0.77
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	3	0.77
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	3	0.77
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB2	9	0.77
(1,1956)	1:902:A:GLU:H	1:902:A:GLU:HB3	9	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1946)	1:898:A:GLU:HB2	1:901:A:PHE:H	10	0.77
(1,1946)	1:898:A:GLU:HB3	1:901:A:PHE:H	10	0.77
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	15	0.77
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	15	0.77
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	12	0.77
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	12	0.77
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	9	0.77
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	1	0.77
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	1	0.77
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	1	0.77
(1,1901)	1:897:A:ILE:HG21	1:898:A:GLU:H	11	0.77
(1,1901)	1:897:A:ILE:HG22	1:898:A:GLU:H	11	0.77
(1,1901)	1:897:A:ILE:HG23	1:898:A:GLU:H	11	0.77
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	2	0.77
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	2	0.77
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	2	0.77
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD11	6	0.77
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD12	6	0.77
(1,1897)	1:896:A:LEU:H	1:896:A:LEU:HD13	6	0.77
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	7	0.77
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	7	0.77
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	7	0.77
(1,1854)	1:893:A:GLN:H	1:893:A:GLN:HE21	7	0.77
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	8	0.77
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	16	0.77
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	7	0.77
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	9	0.77
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	2	0.77
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	2	0.77
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	2	0.77
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	15	0.77
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	2	0.77
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	4	0.77
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	13	0.77
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	15	0.77
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	18	0.77
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	13	0.77
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	19	0.77
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	10	0.77
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	7	0.77
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	7	0.77
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	19	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	15	0.77
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	7	0.77
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	2	0.77
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	2	0.77
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	13	0.77
(1,1729)	1:879:A:ALA:HA	1:880:A:GLU:H	19	0.77
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	2	0.77
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	17	0.77
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	17	0.77
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	3	0.77
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	11	0.77
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	2	0.77
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	2	0.77
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	18	0.77
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	18	0.77
(1,1589)	1:869:A:VAL:HB	1:870:A:TYR:H	8	0.77
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	1	0.77
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	9	0.77
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	11	0.77
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	1	0.77
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	7	0.77
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	11	0.77
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	3	0.77
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	19	0.77
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	3	0.77
(1,1515)	1:863:A:GLU:H	1:864:A:LYS:H	7	0.77
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	9	0.77
(1,1510)	1:857:A:LEU:HA	1:861:A:LEU:H	14	0.77
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	9	0.77
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	9	0.77
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	4	0.77
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	13	0.77
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	14	0.77
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	19	0.77
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	1	0.77
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	9	0.77
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	13	0.77
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	7	0.77
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	15	0.77
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	2	0.77
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	1	0.77
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	1	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	3	0.77
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	13	0.77
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	20	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	3	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	3	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	3	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	8	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	8	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	8	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	17	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	17	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	17	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	20	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	20	0.77
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	20	0.77
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	10	0.77
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	2	0.77
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	2	0.77
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	14	0.77
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	14	0.77
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	20	0.77
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	20	0.77
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	4	0.77
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	7	0.77
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	16	0.77
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	8	0.77
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	8	0.77
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	8	0.77
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	20	0.77
(1,1297)	1:840:A:PHE:H	1:841:A:LEU:H	14	0.77
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	7	0.77
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	1	0.77
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	2	0.77
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	5	0.77
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	6	0.77
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	6	0.77
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	18	0.77
(1,1245)	1:833:A:ALA:H	1:872:A:HIS:HE1	16	0.77
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	11	0.77
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	4	0.77
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	8	0.77
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	14	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:832:A:THR:H	1:832:A:THR:HB	4	0.77
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	18	0.77
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	10	0.77
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	6	0.77
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	13	0.77
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	14	0.77
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	16	0.77
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	13	0.77
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	13	0.77
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	8	0.77
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	1	0.77
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	1	0.77
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	1	0.77
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	6	0.77
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	6	0.77
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	6	0.77
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	7	0.77
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	7	0.77
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	7	0.77
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	8	0.77
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	8	0.77
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	8	0.77
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	9	0.77
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	9	0.77
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	9	0.77
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	11	0.77
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	11	0.77
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	11	0.77
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	14	0.77
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	14	0.77
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	14	0.77
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	15	0.77
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	15	0.77
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	15	0.77
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	16	0.77
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	16	0.77
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	16	0.77
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	19	0.77
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	19	0.77
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	19	0.77
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	6	0.77
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	9	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	14	0.77
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	11	0.77
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	6	0.77
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	6	0.77
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	13	0.77
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	9	0.77
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	10	0.77
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	18	0.77
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	5	0.77
(1,1033)	1:857:A:LEU:HA	1:862:A:ILE:H	18	0.77
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG22	13	0.77
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG23	13	0.77
(1,1027)	1:814:A:ASN:H	1:849:A:THR:HG21	13	0.77
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	14	0.77
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	14	0.77
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	14	0.77
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD11	15	0.77
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD12	15	0.77
(1,1019)	1:813:A:ILE:H	1:813:A:ILE:HD13	15	0.77
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	16	0.77
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	10	0.77
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	4	0.77
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	6	0.77
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	6	0.77
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	8	0.77
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	8	0.77
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	6	0.77
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	6	0.77
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	3	0.77
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	3	0.77
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	3	0.77
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	4	0.77
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	7	0.77
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	13	0.77
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	20	0.77
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	11	0.77
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	19	0.77
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	4	0.77
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	17	0.77
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	3	0.77
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	3	0.77
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE2	14	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,915)	1:802:A:LYS:H	1:802:A:LYS:HE3	14	0.77
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	12	0.77
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	12	0.77
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	12	0.77
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	4	0.77
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	4	0.77
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	14	0.77
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	14	0.77
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	11	0.77
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	11	0.77
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	6	0.77
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	2	0.77
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	2	0.77
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	2	0.77
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	13	0.77
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	13	0.77
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	13	0.77
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	14	0.77
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	14	0.77
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	14	0.77
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD11	17	0.77
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD12	17	0.77
(1,814)	1:926:A:LEU:HA	1:926:A:LEU:HD13	17	0.77
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG2	6	0.77
(1,813)	1:924:A:TYR:H	1:925:A:GLU:HG3	6	0.77
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	3	0.77
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	3	0.77
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	3	0.77
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	8	0.77
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	8	0.77
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	8	0.77
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	10	0.77
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	10	0.77
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	10	0.77
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	12	0.77
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	12	0.77
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	12	0.77
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	13	0.77
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	13	0.77
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	13	0.77
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	14	0.77
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	14	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	14	0.77
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	18	0.77
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	18	0.77
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	18	0.77
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	7	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	3	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	3	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	3	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	5	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	5	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	5	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	16	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	16	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	16	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	17	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	17	0.77
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	17	0.77
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	5	0.77
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	13	0.77
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	13	0.77
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	13	0.77
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	7	0.77
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	13	0.77
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	13	0.77
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	13	0.77
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	13	0.77
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	2	0.77
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	14	0.77
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	14	0.77
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	14	0.77
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	4	0.77
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	13	0.77
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	3	0.77
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	3	0.77
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	3	0.77
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	17	0.77
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	17	0.77
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	17	0.77
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	12	0.77
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	12	0.77
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	18	0.77
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	14	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	14	0.77
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	14	0.77
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	4	0.77
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	4	0.77
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	4	0.77
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	6	0.77
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	6	0.77
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	13	0.77
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	13	0.77
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	16	0.77
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	16	0.77
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	19	0.77
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	19	0.77
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	19	0.77
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	20	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	1	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	1	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	1	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	2	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	2	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	2	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	8	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	8	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	8	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	13	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	13	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	13	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	16	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	16	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	16	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	18	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	18	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	18	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	19	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	19	0.77
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	19	0.77
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	6	0.77
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	6	0.77
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	6	0.77
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	6	0.77
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	6	0.77
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	6	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	17	0.77
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	17	0.77
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	17	0.77
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	14	0.77
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	14	0.77
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	14	0.77
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	6	0.77
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	8	0.77
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	8	0.77
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	8	0.77
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	9	0.77
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	9	0.77
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	9	0.77
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	17	0.77
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	17	0.77
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	17	0.77
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	6	0.77
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	6	0.77
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	7	0.77
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	7	0.77
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	12	0.77
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	12	0.77
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	20	0.77
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	10	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	2	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	2	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	2	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	9	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	9	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	9	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	13	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	13	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	13	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	20	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	20	0.77
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	20	0.77
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	13	0.77
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	5	0.77
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	5	0.77
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	5	0.77
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	5	0.77
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG2	10	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,133)	1:820:A:LYS:HA	1:820:A:LYS:HG3	10	0.77
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD2	3	0.77
(1,129)	1:816:A:LEU:HA	1:819:A:ARG:HD3	3	0.77
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	8	0.77
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	8	0.77
(1,123)	1:818:A:THR:HG21	1:819:A:ARG:H	6	0.77
(1,123)	1:818:A:THR:HG22	1:819:A:ARG:H	6	0.77
(1,123)	1:818:A:THR:HG23	1:819:A:ARG:H	6	0.77
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	15	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	1	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	1	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	1	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	5	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	5	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	5	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	6	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	6	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	6	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	8	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	8	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	8	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	12	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	12	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	12	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	17	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	17	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	17	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	19	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	19	0.77
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	19	0.77
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	3	0.77
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	4	0.77
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	3	0.77
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	3	0.77
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	10	0.77
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	10	0.77
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	17	0.77
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	17	0.77
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	3	0.77
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	3	0.77
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	5	0.77
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	5	0.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	9	0.77
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	9	0.77
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	17	0.77
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	17	0.77
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	9	0.77
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	14	0.77
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	20	0.77
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	17	0.76
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	17	0.76
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	15	0.76
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	15	0.76
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	4	0.76
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	4	0.76
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	20	0.76
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	20	0.76
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	6	0.76
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	6	0.76
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	12	0.76
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	12	0.76
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	16	0.76
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	16	0.76
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	16	0.76
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	1	0.76
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	1	0.76
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE2	5	0.76
(1,3158)	1:844:A:LYS:HA	1:844:A:LYS:HE3	5	0.76
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	2	0.76
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	2	0.76
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	3	0.76
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	3	0.76
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	6	0.76
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	6	0.76
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	18	0.76
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	18	0.76
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	1	0.76
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	6	0.76
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	18	0.76
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	18	0.76
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	12	0.76
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	12	0.76
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	14	0.76
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	14	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	2	0.76
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	2	0.76
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	13	0.76
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	13	0.76
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	17	0.76
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	17	0.76
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	17	0.76
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	17	0.76
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	13	0.76
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	13	0.76
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	17	0.76
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	17	0.76
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	14	0.76
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	17	0.76
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	5	0.76
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	8	0.76
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	3	0.76
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	16	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	1	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	1	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	1	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	2	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	2	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	2	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	3	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	3	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	3	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	4	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	4	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	4	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	5	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	5	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	5	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	11	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	11	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	11	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	13	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	13	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	13	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	19	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	19	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	19	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	20	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	20	0.76
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	20	0.76
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	5	0.76
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	6	0.76
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	6	0.76
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	6	0.76
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	7	0.76
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	7	0.76
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	7	0.76
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	13	0.76
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	13	0.76
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	13	0.76
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	18	0.76
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	6	0.76
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	13	0.76
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	15	0.76
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	15	0.76
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	15	0.76
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	11	0.76
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	11	0.76
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	1	0.76
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	1	0.76
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	13	0.76
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	13	0.76
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	20	0.76
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	15	0.76
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	15	0.76
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	12	0.76
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	8	0.76
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	13	0.76
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	13	0.76
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	3	0.76
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	3	0.76
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	15	0.76
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	15	0.76
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	12	0.76
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	12	0.76
(1,2412)	1:807:A:TYR:HA	1:811:A:GLN:H	5	0.76
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	2	0.76
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	2	0.76
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	14	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	14	0.76
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	16	0.76
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	16	0.76
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	7	0.76
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	7	0.76
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	19	0.76
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	19	0.76
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	20	0.76
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	20	0.76
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	20	0.76
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	20	0.76
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	15	0.76
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	15	0.76
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	15	0.76
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	4	0.76
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	4	0.76
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	4	0.76
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	4	0.76
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	4	0.76
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	4	0.76
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD1	16	0.76
(1,2313)	1:911:A:HIS:HB3	1:912:A:PHE:HD2	16	0.76
(1,2310)	1:912:A:PHE:HD1	1:914:A:LEU:HA	16	0.76
(1,2310)	1:912:A:PHE:HD2	1:914:A:LEU:HA	16	0.76
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	8	0.76
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	8	0.76
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	8	0.76
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	8	0.76
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	7	0.76
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	7	0.76
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	18	0.76
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	1	0.76
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	1	0.76
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	7	0.76
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	7	0.76
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	16	0.76
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	16	0.76
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	16	0.76
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	16	0.76
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	19	0.76
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	8	0.76
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	8	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2153)	1:921:A:LYS:H	1:921:A:LYS:HB3	20	0.76
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	13	0.76
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	14	0.76
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	19	0.76
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	19	0.76
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	1	0.76
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	1	0.76
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	1	0.76
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	1	0.76
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	4	0.76
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	4	0.76
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	12	0.76
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	5	0.76
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	5	0.76
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	5	0.76
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	4	0.76
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	4	0.76
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	10	0.76
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	10	0.76
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	10	0.76
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	20	0.76
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	20	0.76
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	6	0.76
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	4	0.76
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	3	0.76
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	3	0.76
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	4	0.76
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	4	0.76
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	8	0.76
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	8	0.76
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	13	0.76
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	6	0.76
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	9	0.76
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	17	0.76
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	3	0.76
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	2	0.76
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	11	0.76
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	16	0.76
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	16	0.76
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	17	0.76
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	4	0.76
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	4	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	4	0.76
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	14	0.76
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	14	0.76
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	14	0.76
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	3	0.76
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	15	0.76
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	16	0.76
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	17	0.76
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	18	0.76
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	10	0.76
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	3	0.76
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	16	0.76
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	6	0.76
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	11	0.76
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	4	0.76
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	9	0.76
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	14	0.76
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	20	0.76
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	1	0.76
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	15	0.76
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	3	0.76
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	8	0.76
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	6	0.76
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	6	0.76
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	7	0.76
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	7	0.76
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	13	0.76
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	7	0.76
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	19	0.76
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	6	0.76
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	2	0.76
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	19	0.76
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	15	0.76
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	15	0.76
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	15	0.76
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	11	0.76
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	11	0.76
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	3	0.76
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	15	0.76
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	20	0.76
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	20	0.76
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	6	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	17	0.76
(1,1580)	1:866:A:PRO:HA	1:869:A:VAL:H	11	0.76
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	1	0.76
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	18	0.76
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	1	0.76
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	1	0.76
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	14	0.76
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	12	0.76
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	14	0.76
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	19	0.76
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	7	0.76
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	20	0.76
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	20	0.76
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	8	0.76
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	10	0.76
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	16	0.76
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	14	0.76
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	12	0.76
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	19	0.76
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	8	0.76
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	12	0.76
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	17	0.76
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	18	0.76
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	19	0.76
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	19	0.76
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	9	0.76
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	14	0.76
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	16	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	2	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	2	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	2	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	4	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	4	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	4	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	7	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	7	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	7	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	9	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	9	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	9	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	10	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	10	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	10	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	11	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	11	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	11	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	13	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	13	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	13	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	14	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	14	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	14	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	15	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	15	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	15	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	16	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	16	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	16	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	18	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	18	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	18	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	19	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	19	0.76
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	19	0.76
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	9	0.76
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	12	0.76
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	11	0.76
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	12	0.76
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	13	0.76
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	16	0.76
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	5	0.76
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	5	0.76
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	6	0.76
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	6	0.76
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	8	0.76
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	8	0.76
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	15	0.76
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	6	0.76
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	6	0.76
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	10	0.76
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	9	0.76
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	9	0.76
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	9	0.76
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	20	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	20	0.76
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	20	0.76
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	8	0.76
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	16	0.76
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	15	0.76
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	10	0.76
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	19	0.76
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	19	0.76
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	2	0.76
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	12	0.76
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	13	0.76
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	6	0.76
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	8	0.76
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	8	0.76
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	5	0.76
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	1	0.76
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	5	0.76
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	11	0.76
(1,1174)	1:828:A:LEU:H	1:829:A:LEU:H	19	0.76
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	6	0.76
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	1	0.76
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	2	0.76
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	2	0.76
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	2	0.76
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	12	0.76
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	12	0.76
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	12	0.76
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	17	0.76
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	17	0.76
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	17	0.76
(1,1153)	1:816:A:LEU:HD21	1:825:A:CYS:H	20	0.76
(1,1153)	1:816:A:LEU:HD22	1:825:A:CYS:H	20	0.76
(1,1153)	1:816:A:LEU:HD23	1:825:A:CYS:H	20	0.76
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	5	0.76
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	5	0.76
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	15	0.76
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	19	0.76
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	7	0.76
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	7	0.76
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	20	0.76
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	20	0.76
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	18	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	20	0.76
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	20	0.76
(1,1037)	1:814:A:ASN:HA	1:814:A:ASN:HD21	17	0.76
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	3	0.76
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	12	0.76
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	19	0.76
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	19	0.76
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	14	0.76
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	14	0.76
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	14	0.76
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	3	0.76
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	3	0.76
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	5	0.76
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	5	0.76
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	11	0.76
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	11	0.76
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	6	0.76
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	6	0.76
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	3	0.76
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	5	0.76
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	5	0.76
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	2	0.76
(1,948)	1:805:A:ASN:H	1:806:A:ALA:H	4	0.76
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	19	0.76
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	14	0.76
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	2	0.76
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	2	0.76
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	2	0.76
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	20	0.76
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	20	0.76
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	20	0.76
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	9	0.76
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	9	0.76
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	9	0.76
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	13	0.76
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	1	0.76
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	20	0.76
(1,886)	1:796:A:GLU:HB2	1:797:A:LYS:H	11	0.76
(1,886)	1:796:A:GLU:HB3	1:797:A:LYS:H	11	0.76
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	8	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	4	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	4	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	4	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	7	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	7	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	7	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	8	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	8	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	8	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	13	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	13	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	13	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	20	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	20	0.76
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	20	0.76
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	11	0.76
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	11	0.76
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	11	0.76
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	11	0.76
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	11	0.76
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	11	0.76
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	3	0.76
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	3	0.76
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	3	0.76
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	6	0.76
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	6	0.76
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	6	0.76
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD11	15	0.76
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD12	15	0.76
(1,816)	1:926:A:LEU:H	1:926:A:LEU:HD13	15	0.76
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	9	0.76
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	9	0.76
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	9	0.76
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	9	0.76
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	9	0.76
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	9	0.76
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	20	0.76
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	5	0.76
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	5	0.76
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	5	0.76
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	13	0.76
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	13	0.76
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	13	0.76
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	9	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	9	0.76
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	9	0.76
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	11	0.76
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	11	0.76
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	11	0.76
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	15	0.76
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	15	0.76
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	15	0.76
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	16	0.76
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	16	0.76
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	16	0.76
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	17	0.76
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	17	0.76
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	17	0.76
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	19	0.76
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	19	0.76
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	19	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	1	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	1	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	1	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	3	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	3	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	3	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	15	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	15	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	15	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	16	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	16	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	16	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	20	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	20	0.76
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	20	0.76
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	17	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	4	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	4	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	4	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	6	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	6	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	6	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	7	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	7	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	11	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	11	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	11	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	14	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	14	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	14	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	15	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	15	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	15	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD21	18	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD22	18	0.76
(1,728)	1:914:A:LEU:HA	1:914:A:LEU:HD23	18	0.76
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	4	0.76
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	4	0.76
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	4	0.76
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	6	0.76
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	6	0.76
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	6	0.76
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	8	0.76
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	8	0.76
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	8	0.76
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	1	0.76
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	20	0.76
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	13	0.76
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	13	0.76
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	13	0.76
(1,631)	1:895:A:GLU:HA	1:895:A:GLU:HG2	20	0.76
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	1	0.76
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	2	0.76
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	2	0.76
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	10	0.76
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	10	0.76
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	1	0.76
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	1	0.76
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	10	0.76
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	10	0.76
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	12	0.76
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	12	0.76
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	1	0.76
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	10	0.76
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	8	0.76
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	8	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	8	0.76
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	17	0.76
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	17	0.76
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	17	0.76
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	19	0.76
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	19	0.76
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	19	0.76
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	20	0.76
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	20	0.76
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	20	0.76
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	12	0.76
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	12	0.76
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	12	0.76
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	14	0.76
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	14	0.76
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	14	0.76
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	17	0.76
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	17	0.76
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	17	0.76
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	2	0.76
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	2	0.76
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	14	0.76
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	10	0.76
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	19	0.76
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	7	0.76
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	2	0.76
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	2	0.76
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	2	0.76
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	17	0.76
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	17	0.76
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	17	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	3	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	3	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	3	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	4	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	4	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	4	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	7	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	7	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	7	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	9	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	9	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	9	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	10	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	10	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	10	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	12	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	12	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	12	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	14	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	14	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	14	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	15	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	15	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	15	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	17	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	17	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	17	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG11	20	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG12	20	0.76
(1,443)	1:869:A:VAL:H	1:869:A:VAL:HG13	20	0.76
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	13	0.76
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	13	0.76
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	13	0.76
(1,392)	1:862:A:ILE:HG21	1:863:A:GLU:HG3	15	0.76
(1,392)	1:862:A:ILE:HG22	1:863:A:GLU:HG3	15	0.76
(1,392)	1:862:A:ILE:HG23	1:863:A:GLU:HG3	15	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	8	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	8	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	8	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	9	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	9	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	9	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	12	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	12	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	12	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	15	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	15	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	15	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	17	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	17	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	17	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	20	0.76
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	20	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	20	0.76
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD11	15	0.76
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD12	15	0.76
(1,313)	1:853:A:LEU:HA	1:853:A:LEU:HD13	15	0.76
(1,291)	1:841:A:LEU:HD22	1:850:A:PHE:HA	14	0.76
(1,291)	1:841:A:LEU:HD23	1:850:A:PHE:HA	14	0.76
(1,291)	1:841:A:LEU:HD21	1:850:A:PHE:HA	14	0.76
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	1	0.76
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	12	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	3	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	3	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	3	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	5	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	5	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	5	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	7	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	7	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	7	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	10	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	10	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	10	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	12	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	12	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	12	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	14	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	14	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	14	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	15	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	15	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	15	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	19	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	19	0.76
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	19	0.76
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	19	0.76
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	18	0.76
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	18	0.76
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	18	0.76
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	8	0.76
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	8	0.76
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	8	0.76
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	12	0.76
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	12	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	12	0.76
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	5	0.76
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	7	0.76
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	4	0.76
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	4	0.76
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	5	0.76
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	5	0.76
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	8	0.76
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	8	0.76
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	8	0.76
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB3	13	0.76
(1,101)	1:814:A:ASN:HA	1:817:A:SER:HB2	13	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	2	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	2	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	2	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	3	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	3	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	3	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	4	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	4	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	4	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	9	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	9	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	9	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	13	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	13	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	13	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	16	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	16	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	16	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	18	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	18	0.76
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	18	0.76
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	12	0.76
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	2	0.76
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	2	0.76
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	2	0.76
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	7	0.76
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	7	0.76
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	8	0.76
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	8	0.76
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	12	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	12	0.76
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	15	0.76
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	15	0.76
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	18	0.76
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	18	0.76
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	18	0.76
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	3	0.76
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	3	0.76
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	7	0.76
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	7	0.76
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	14	0.76
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	14	0.76
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	15	0.76
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	15	0.76
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	3	0.75
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	3	0.75
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	8	0.75
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	8	0.75
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD2	19	0.75
(1,3290)	1:878:A:LYS:HA	1:878:A:LYS:HD3	19	0.75
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	19	0.75
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	19	0.75
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	19	0.75
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	19	0.75
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	1	0.75
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	1	0.75
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	11	0.75
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	11	0.75
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	2	0.75
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	2	0.75
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	18	0.75
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	1	0.75
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	4	0.75
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	5	0.75
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	6	0.75
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	9	0.75
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	10	0.75
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	11	0.75
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	13	0.75
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	19	0.75
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	10	0.75
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	10	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	14	0.75
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	14	0.75
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	8	0.75
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	8	0.75
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	8	0.75
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	5	0.75
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	5	0.75
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	10	0.75
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	10	0.75
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	17	0.75
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	17	0.75
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	10	0.75
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	10	0.75
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	8	0.75
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	8	0.75
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	20	0.75
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	20	0.75
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	15	0.75
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	15	0.75
(1,3028)	1:797:A:LYS:HG2	1:798:A:LEU:H	10	0.75
(1,3028)	1:797:A:LYS:HG3	1:798:A:LEU:H	10	0.75
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG2	5	0.75
(1,3023)	1:796:A:GLU:HA	1:796:A:GLU:HG3	5	0.75
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	16	0.75
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	16	0.75
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	19	0.75
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	19	0.75
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	15	0.75
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	1	0.75
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	18	0.75
(1,2958)	1:821:A:ASP:HB3	1:824:A:ALA:H	16	0.75
(1,2948)	1:868:A:LEU:HA	1:871:A:GLN:H	18	0.75
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	14	0.75
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	6	0.75
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	6	0.75
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	6	0.75
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	6	0.75
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	6	0.75
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	15	0.75
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	15	0.75
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	15	0.75
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	17	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	17	0.75
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	17	0.75
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	6	0.75
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	6	0.75
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	6	0.75
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	2	0.75
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	19	0.75
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	4	0.75
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	8	0.75
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	2	0.75
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	10	0.75
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	11	0.75
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	12	0.75
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	14	0.75
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	13	0.75
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	16	0.75
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	20	0.75
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	20	0.75
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	2	0.75
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	10	0.75
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	10	0.75
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	10	0.75
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	12	0.75
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	15	0.75
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	16	0.75
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	16	0.75
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE1	20	0.75
(1,2677)	1:877:A:SER:HG	1:924:A:TYR:HE2	20	0.75
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	10	0.75
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	10	0.75
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	12	0.75
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	12	0.75
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	7	0.75
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	7	0.75
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	10	0.75
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	14	0.75
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	14	0.75
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	6	0.75
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	11	0.75
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	18	0.75
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	2	0.75
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	10	0.75
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	19	0.75
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	1	0.75
(1,2508)	1:813:A:ILE:H	1:816:A:LEU:HG	14	0.75
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	6	0.75
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	6	0.75
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	3	0.75
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	3	0.75
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	13	0.75
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	6	0.75
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	19	0.75
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	19	0.75
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	3	0.75
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	3	0.75
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	15	0.75
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	15	0.75
(1,2400)	1:870:A:TYR:HE2	1:916:A:ASP:HB2	3	0.75
(1,2400)	1:870:A:TYR:HE1	1:916:A:ASP:HB2	3	0.75
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE2	5	0.75
(1,2399)	1:870:A:TYR:HA	1:870:A:TYR:HE1	5	0.75
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	10	0.75
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	10	0.75
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	8	0.75
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	8	0.75
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	8	0.75
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	8	0.75
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	8	0.75
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	8	0.75
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	11	0.75
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	11	0.75
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	11	0.75
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	11	0.75
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	11	0.75
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	11	0.75
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	19	0.75
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	19	0.75
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	13	0.75
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	13	0.75
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	11	0.75
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	11	0.75
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	7	0.75
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	2	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	4	0.75
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	2	0.75
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	7	0.75
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	11	0.75
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	14	0.75
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	18	0.75
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	6	0.75
(1,2102)	1:917:A:ILE:HB	1:918:A:GLN:H	17	0.75
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	17	0.75
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	17	0.75
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	5	0.75
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	17	0.75
(1,2080)	1:916:A:ASP:H	1:916:A:ASP:HB2	16	0.75
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	5	0.75
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	5	0.75
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	15	0.75
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	12	0.75
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	16	0.75
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	5	0.75
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	5	0.75
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	19	0.75
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	18	0.75
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	15	0.75
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	15	0.75
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	5	0.75
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	5	0.75
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	15	0.75
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	15	0.75
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	10	0.75
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	19	0.75
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	6	0.75
(1,1996)	1:905:A:SER:H	1:905:A:SER:HB3	16	0.75
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	11	0.75
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	19	0.75
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	11	0.75
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	9	0.75
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	16	0.75
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	16	0.75
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	18	0.75
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	18	0.75
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	14	0.75
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	19	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	7	0.75
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	9	0.75
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	9	0.75
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	9	0.75
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	11	0.75
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	11	0.75
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	3	0.75
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	16	0.75
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	16	0.75
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	6	0.75
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	15	0.75
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	17	0.75
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	18	0.75
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	13	0.75
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	1	0.75
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	6	0.75
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	13	0.75
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	18	0.75
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	11	0.75
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	8	0.75
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	5	0.75
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	5	0.75
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	15	0.75
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB2	18	0.75
(1,1718)	1:879:A:ALA:H	1:882:A:PHE:HB3	18	0.75
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	9	0.75
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	13	0.75
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	19	0.75
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	4	0.75
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	7	0.75
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	11	0.75
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	18	0.75
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	1	0.75
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	4	0.75
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	17	0.75
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	13	0.75
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	13	0.75
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	13	0.75
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	16	0.75
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	16	0.75
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	16	0.75
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	18	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	18	0.75
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	18	0.75
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	4	0.75
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	18	0.75
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	15	0.75
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	15	0.75
(1,1603)	1:870:A:TYR:HE2	1:871:A:GLN:HE22	9	0.75
(1,1603)	1:870:A:TYR:HE1	1:871:A:GLN:HE22	9	0.75
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	16	0.75
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	16	0.75
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	5	0.75
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	8	0.75
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	12	0.75
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	1	0.75
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	2	0.75
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	7	0.75
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	8	0.75
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	8	0.75
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	5	0.75
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	5	0.75
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	6	0.75
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	6	0.75
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	9	0.75
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	9	0.75
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	1	0.75
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	3	0.75
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	15	0.75
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	4	0.75
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	1	0.75
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	15	0.75
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	11	0.75
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	11	0.75
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	16	0.75
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	8	0.75
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	10	0.75
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	15	0.75
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	17	0.75
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	18	0.75
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG21	1	0.75
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG22	1	0.75
(1,1423)	1:854:A:ILE:H	1:854:A:ILE:HG23	1	0.75
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	18	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	19	0.75
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	7	0.75
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	7	0.75
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	5	0.75
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	19	0.75
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	19	0.75
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	2	0.75
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	6	0.75
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	8	0.75
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	11	0.75
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	11	0.75
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	11	0.75
(1,1325)	1:806:A:ALA:HB1	1:844:A:LYS:H	12	0.75
(1,1325)	1:806:A:ALA:HB2	1:844:A:LYS:H	12	0.75
(1,1325)	1:806:A:ALA:HB3	1:844:A:LYS:H	12	0.75
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	9	0.75
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	9	0.75
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	16	0.75
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	12	0.75
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	13	0.75
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	17	0.75
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	5	0.75
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	5	0.75
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	3	0.75
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	7	0.75
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	17	0.75
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	14	0.75
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	19	0.75
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	3	0.75
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	12	0.75
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	8	0.75
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	8	0.75
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	8	0.75
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	15	0.75
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	15	0.75
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	1	0.75
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	10	0.75
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	12	0.75
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	17	0.75
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	20	0.75
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	13	0.75
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	19	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	2	0.75
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	6	0.75
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	6	0.75
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	13	0.75
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	13	0.75
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	1	0.75
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	4	0.75
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	2	0.75
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	14	0.75
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	17	0.75
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	20	0.75
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	6	0.75
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	11	0.75
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	7	0.75
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	18	0.75
(1,1016)	1:811:A:GLN:HB2	1:812:A:ILE:H	13	0.75
(1,1016)	1:811:A:GLN:HB3	1:812:A:ILE:H	13	0.75
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	9	0.75
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	9	0.75
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	9	0.75
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	1	0.75
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	1	0.75
(1,998)	1:809:A:PHE:HE2	1:810:A:GLY:H	17	0.75
(1,998)	1:809:A:PHE:HE1	1:810:A:GLY:H	17	0.75
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	14	0.75
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	14	0.75
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	6	0.75
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	18	0.75
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	18	0.75
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	18	0.75
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	7	0.75
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	7	0.75
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	7	0.75
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	4	0.75
(1,891)	1:797:A:LYS:HB3	1:798:A:LEU:H	2	0.75
(1,891)	1:797:A:LYS:HB2	1:798:A:LEU:H	2	0.75
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	6	0.75
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	10	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	1	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	1	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	1	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	2	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	2	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	2	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	3	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	3	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	3	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	5	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	5	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	5	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	6	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	6	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	6	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	9	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	9	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	9	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	10	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	10	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	10	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	11	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	11	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	11	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	12	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	12	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	12	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	14	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	14	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	14	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	15	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	15	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	15	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	16	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	16	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	16	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	19	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	19	0.75
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	19	0.75
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	4	0.75
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	15	0.75
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	14	0.75
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	9	0.75
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	9	0.75
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	20	0.75
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	20	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	6	0.75
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	6	0.75
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	6	0.75
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	7	0.75
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	7	0.75
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	7	0.75
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD11	14	0.75
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD12	14	0.75
(1,758)	1:917:A:ILE:H	1:917:A:ILE:HD13	14	0.75
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG21	1	0.75
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG22	1	0.75
(1,748)	1:901:A:PHE:HA	1:917:A:ILE:HG23	1	0.75
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	3	0.75
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	3	0.75
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	3	0.75
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	6	0.75
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	6	0.75
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	6	0.75
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	8	0.75
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	8	0.75
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	8	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	2	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	2	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	2	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	4	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	4	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	4	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	8	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	8	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	8	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	9	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	9	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	9	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	10	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	10	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	10	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	12	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	12	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	12	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	17	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	17	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	17	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	19	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	19	0.75
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	19	0.75
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	17	0.75
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	17	0.75
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	17	0.75
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	6	0.75
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	12	0.75
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	12	0.75
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	6	0.75
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	15	0.75
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	13	0.75
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	13	0.75
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	13	0.75
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	11	0.75
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	17	0.75
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	15	0.75
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	15	0.75
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD2	17	0.75
(1,625)	1:894:A:LYS:HB2	1:894:A:LYS:HD3	17	0.75
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD2	5	0.75
(1,609)	1:891:A:LYS:HA	1:891:A:LYS:HD3	5	0.75
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	9	0.75
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	9	0.75
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	9	0.75
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	18	0.75
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	18	0.75
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	18	0.75
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	18	0.75
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	18	0.75
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	18	0.75
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	14	0.75
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	14	0.75
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	14	0.75
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	12	0.75
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	12	0.75
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	12	0.75
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	7	0.75
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	3	0.75
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	3	0.75
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE2	4	0.75
(1,528)	1:882:A:PHE:HA	1:882:A:PHE:HE1	4	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,504)	1:878:A:LYS:H	1:878:A:LYS:HD2	5	0.75
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	17	0.75
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	11	0.75
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	7	0.75
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	11	0.75
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	5	0.75
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	5	0.75
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	5	0.75
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	20	0.75
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	20	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	1	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	1	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	1	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	2	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	2	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	2	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	3	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	3	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	3	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	9	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	9	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	9	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	13	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	13	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	13	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	20	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	20	0.75
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	20	0.75
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	15	0.75
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	4	0.75
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	4	0.75
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	4	0.75
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	5	0.75
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	10	0.75
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD2	7	0.75
(1,124)	1:819:A:ARG:HA	1:819:A:ARG:HD3	7	0.75
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	20	0.75
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG23	11	0.75
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG21	11	0.75
(1,63)	1:812:A:ILE:H	1:812:A:ILE:HG22	11	0.75
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	20	0.75
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	20	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	20	0.75
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	16	0.75
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	9	0.75
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	5	0.75
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	16	0.75
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	16	0.75
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	17	0.75
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	9	0.75
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	9	0.75
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	13	0.75
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	13	0.75
(1,23)	1:800:A:ILE:HG22	1:800:A:ILE:HG13	1	0.75
(1,23)	1:800:A:ILE:HG23	1:800:A:ILE:HG13	1	0.75
(1,23)	1:800:A:ILE:HG21	1:800:A:ILE:HG13	1	0.75
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	19	0.75
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	19	0.75
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	18	0.75
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	18	0.75
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD3	2	0.74
(1,3390)	1:922:A:ARG:HB2	1:922:A:ARG:HD2	2	0.74
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD3	2	0.74
(1,3390)	1:922:A:ARG:HB3	1:922:A:ARG:HD2	2	0.74
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	18	0.74
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	18	0.74
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	14	0.74
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	14	0.74
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB2	6	0.74
(1,3338)	1:898:A:GLU:HA	1:926:A:LEU:HB3	6	0.74
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	10	0.74
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	10	0.74
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	7	0.74
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	7	0.74
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	19	0.74
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	19	0.74
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	6	0.74
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	6	0.74
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	8	0.74
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	8	0.74
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	14	0.74
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	14	0.74
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	18	0.74
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	18	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3182)	1:851:A:LEU:HB3	1:851:A:LEU:CG	12	0.74
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	5	0.74
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	5	0.74
(1,3165)	1:846:A:GLU:HB2	1:848:A:ASP:H	11	0.74
(1,3165)	1:846:A:GLU:HB3	1:848:A:ASP:H	11	0.74
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	19	0.74
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	19	0.74
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	16	0.74
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	16	0.74
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	16	0.74
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	4	0.74
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	4	0.74
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	11	0.74
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	11	0.74
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	8	0.74
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	8	0.74
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	2	0.74
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	2	0.74
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	2	0.74
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	2	0.74
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	6	0.74
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	6	0.74
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	10	0.74
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	10	0.74
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	13	0.74
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	13	0.74
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	1	0.74
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	6	0.74
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	2	0.74
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	4	0.74
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	4	0.74
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	20	0.74
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	12	0.74
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	12	0.74
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	12	0.74
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	18	0.74
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	18	0.74
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	18	0.74
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	7	0.74
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	16	0.74
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	20	0.74
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	20	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	20	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	1	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	1	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	1	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	4	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	4	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	4	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	8	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	8	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	8	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	9	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	9	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	9	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	11	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	11	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	11	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	12	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	12	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	12	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	16	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	16	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	16	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	20	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	20	0.74
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	20	0.74
(1,2787)	1:812:A:ILE:HA	1:812:A:ILE:HG12	16	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	2	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	2	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	2	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	6	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	6	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	6	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	7	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	7	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	7	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	9	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	9	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	9	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	10	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	10	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	10	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	12	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	12	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	12	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	13	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	13	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	13	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	16	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	16	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	16	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	17	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	17	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	17	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	20	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	20	0.74
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	20	0.74
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	12	0.74
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	15	0.74
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	19	0.74
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	19	0.74
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	19	0.74
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	19	0.74
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	1	0.74
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	9	0.74
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	14	0.74
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	14	0.74
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	16	0.74
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	16	0.74
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	13	0.74
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	12	0.74
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	12	0.74
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	12	0.74
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	11	0.74
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	9	0.74
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	9	0.74
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	4	0.74
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	4	0.74
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	14	0.74
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	14	0.74
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	15	0.74
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	15	0.74
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	16	0.74
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	16	0.74
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	8	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	8	0.74
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	20	0.74
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	20	0.74
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	6	0.74
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	3	0.74
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	3	0.74
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	3	0.74
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	3	0.74
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	11	0.74
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	11	0.74
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	11	0.74
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	11	0.74
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	16	0.74
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	16	0.74
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	16	0.74
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	16	0.74
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	13	0.74
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	13	0.74
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	18	0.74
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	18	0.74
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	20	0.74
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	4	0.74
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	19	0.74
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	7	0.74
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	1	0.74
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	18	0.74
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	3	0.74
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	18	0.74
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	6	0.74
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	19	0.74
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	19	0.74
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	12	0.74
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	18	0.74
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	18	0.74
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	6	0.74
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	14	0.74
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	18	0.74
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	7	0.74
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	7	0.74
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	3	0.74
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	3	0.74
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	9	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	9	0.74
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	5	0.74
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	5	0.74
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	10	0.74
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	10	0.74
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	18	0.74
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	18	0.74
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	2	0.74
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	2	0.74
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	2	0.74
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	10	0.74
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	10	0.74
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	10	0.74
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	13	0.74
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	13	0.74
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	13	0.74
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	19	0.74
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	19	0.74
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	19	0.74
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	7	0.74
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	7	0.74
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	16	0.74
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	16	0.74
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	16	0.74
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	16	0.74
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	3	0.74
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	3	0.74
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	3	0.74
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	3	0.74
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	8	0.74
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	8	0.74
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	9	0.74
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	9	0.74
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	10	0.74
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	10	0.74
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	20	0.74
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	20	0.74
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	3	0.74
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	3	0.74
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	8	0.74
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	8	0.74
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	8	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	4	0.74
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	4	0.74
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	6	0.74
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	7	0.74
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	9	0.74
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	18	0.74
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	18	0.74
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	12	0.74
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	12	0.74
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	14	0.74
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	14	0.74
(1,2144)	1:919:A:ALA:HB3	1:920:A:LEU:H	10	0.74
(1,2144)	1:919:A:ALA:HB1	1:920:A:LEU:H	10	0.74
(1,2144)	1:919:A:ALA:HB2	1:920:A:LEU:H	10	0.74
(1,2136)	1:920:A:LEU:H	1:921:A:LYS:H	1	0.74
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	2	0.74
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	13	0.74
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	5	0.74
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	6	0.74
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	15	0.74
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	10	0.74
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	10	0.74
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	20	0.74
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	3	0.74
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	3	0.74
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	17	0.74
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	17	0.74
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	10	0.74
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	2	0.74
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	2	0.74
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	4	0.74
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	17	0.74
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	8	0.74
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	13	0.74
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	18	0.74
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	20	0.74
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	19	0.74
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	19	0.74
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	10	0.74
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	10	0.74
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	9	0.74
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	17	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	19	0.74
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	1	0.74
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	1	0.74
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	1	0.74
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	8	0.74
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	7	0.74
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	7	0.74
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	7	0.74
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	13	0.74
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	13	0.74
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	13	0.74
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	5	0.74
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	5	0.74
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	19	0.74
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	19	0.74
(1,1877)	1:894:A:LYS:HG2	1:895:A:GLU:H	1	0.74
(1,1877)	1:894:A:LYS:HG3	1:895:A:GLU:H	1	0.74
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	2	0.74
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	10	0.74
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	5	0.74
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	10	0.74
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	11	0.74
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	20	0.74
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	7	0.74
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	7	0.74
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	15	0.74
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	15	0.74
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	15	0.74
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	6	0.74
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	8	0.74
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	19	0.74
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	14	0.74
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	2	0.74
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	19	0.74
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	1	0.74
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	5	0.74
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	11	0.74
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	17	0.74
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	15	0.74
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	8	0.74
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	8	0.74
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	10	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	16	0.74
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	8	0.74
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	17	0.74
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	2	0.74
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	15	0.74
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	7	0.74
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	7	0.74
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	11	0.74
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	13	0.74
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	8	0.74
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	3	0.74
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	3	0.74
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	3	0.74
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	17	0.74
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	17	0.74
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	17	0.74
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	20	0.74
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	20	0.74
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	20	0.74
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	12	0.74
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	12	0.74
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	17	0.74
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	17	0.74
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	16	0.74
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	16	0.74
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	10	0.74
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	10	0.74
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	16	0.74
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	14	0.74
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	14	0.74
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	4	0.74
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	4	0.74
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	20	0.74
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	20	0.74
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	15	0.74
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	5	0.74
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	7	0.74
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	7	0.74
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	14	0.74
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	14	0.74
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	16	0.74
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	16	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	19	0.74
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	19	0.74
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	13	0.74
(1,1476)	1:858:A:LYS:HB2	1:859:A:ASN:H	9	0.74
(1,1474)	1:858:A:LYS:HG2	1:859:A:ASN:H	12	0.74
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	11	0.74
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	18	0.74
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	20	0.74
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	4	0.74
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	7	0.74
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	4	0.74
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	20	0.74
(1,1369)	1:848:A:ASP:HB2	1:850:A:PHE:H	10	0.74
(1,1369)	1:848:A:ASP:HB3	1:850:A:PHE:H	10	0.74
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	10	0.74
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	10	0.74
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	12	0.74
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	12	0.74
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	13	0.74
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	10	0.74
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	13	0.74
(1,1336)	1:846:A:GLU:HA	1:847:A:GLY:H	19	0.74
(1,1329)	1:846:A:GLU:H	1:847:A:GLY:H	9	0.74
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	15	0.74
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	11	0.74
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	6	0.74
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	15	0.74
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	18	0.74
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE1	17	0.74
(1,1257)	1:836:A:ASP:H	1:840:A:PHE:HE2	17	0.74
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	6	0.74
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	10	0.74
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	10	0.74
(1,1234)	1:828:A:LEU:HG	1:832:A:THR:H	4	0.74
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	1	0.74
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	2	0.74
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	17	0.74
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	14	0.74
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	19	0.74
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	14	0.74
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	15	0.74
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	12	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	19	0.74
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	15	0.74
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	15	0.74
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	3	0.74
(1,1117)	1:819:A:ARG:HB2	1:821:A:ASP:H	10	0.74
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	3	0.74
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	9	0.74
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	9	0.74
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	10	0.74
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	10	0.74
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	1	0.74
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	1	0.74
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	12	0.74
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	12	0.74
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	1	0.74
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	11	0.74
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	16	0.74
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	10	0.74
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	2	0.74
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	2	0.74
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	2	0.74
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	14	0.74
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	14	0.74
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	19	0.74
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	19	0.74
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	13	0.74
(1,980)	1:808:A:GLU:HB2	1:809:A:PHE:H	11	0.74
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	14	0.74
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	13	0.74
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	13	0.74
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	19	0.74
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	19	0.74
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	16	0.74
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	11	0.74
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	17	0.74
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	13	0.74
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	1	0.74
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	1	0.74
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	17	0.74
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	17	0.74
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	17	0.74
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	20	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	20	0.74
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	20	0.74
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	12	0.74
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	12	0.74
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	7	0.74
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	9	0.74
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	12	0.74
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	17	0.74
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	17	0.74
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	17	0.74
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD11	18	0.74
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD12	18	0.74
(1,879)	1:900:A:LEU:HA	1:900:A:LEU:HD13	18	0.74
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	1	0.74
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	5	0.74
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	5	0.74
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	5	0.74
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	5	0.74
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	5	0.74
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	5	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	4	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	4	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	4	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	5	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	5	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	5	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	7	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	7	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	7	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	15	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	15	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	15	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	17	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	17	0.74
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	17	0.74
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	17	0.74
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	17	0.74
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	17	0.74
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	17	0.74
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	17	0.74
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	17	0.74
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	5	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	10	0.74
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	1	0.74
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	1	0.74
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	1	0.74
(1,744)	1:917:A:ILE:HG21	1:917:A:ILE:HG12	7	0.74
(1,744)	1:917:A:ILE:HG22	1:917:A:ILE:HG12	7	0.74
(1,744)	1:917:A:ILE:HG23	1:917:A:ILE:HG12	7	0.74
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG21	13	0.74
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG22	13	0.74
(1,742)	1:917:A:ILE:H	1:917:A:ILE:HG23	13	0.74
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	4	0.74
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	11	0.74
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	11	0.74
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	5	0.74
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	5	0.74
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	14	0.74
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	14	0.74
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	20	0.74
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	20	0.74
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	5	0.74
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD23	14	0.74
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD21	14	0.74
(1,691)	1:862:A:ILE:HG13	1:900:A:LEU:HD22	14	0.74
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	4	0.74
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	7	0.74
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	1	0.74
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	1	0.74
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	1	0.74
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD11	7	0.74
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD12	7	0.74
(1,668)	1:897:A:ILE:H	1:897:A:ILE:HD13	7	0.74
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	8	0.74
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	16	0.74
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	18	0.74
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	18	0.74
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	18	0.74
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	2	0.74
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	2	0.74
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	2	0.74
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	10	0.74
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	10	0.74
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	10	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	13	0.74
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	13	0.74
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	13	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	1	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	1	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	1	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	10	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	10	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	10	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	11	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	11	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	11	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	16	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	16	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	16	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	19	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	19	0.74
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	19	0.74
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	3	0.74
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	11	0.74
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	20	0.74
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	3	0.74
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	20	0.74
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	6	0.74
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	3	0.74
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	16	0.74
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	1	0.74
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	10	0.74
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	1	0.74
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	1	0.74
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	1	0.74
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	6	0.74
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	6	0.74
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	6	0.74
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	15	0.74
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	15	0.74
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	15	0.74
(1,420)	1:866:A:PRO:HA	1:868:A:LEU:HB3	19	0.74
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	8	0.74
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	8	0.74
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	8	0.74
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD11	6	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD12	6	0.74
(1,337)	1:854:A:ILE:H	1:854:A:ILE:HD13	6	0.74
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	2	0.74
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	2	0.74
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	17	0.74
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	17	0.74
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	13	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	5	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	5	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	5	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	6	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	6	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	6	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	10	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	10	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	10	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	11	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	11	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	11	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	12	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	12	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	12	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	15	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	15	0.74
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	15	0.74
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	1	0.74
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	1	0.74
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	1	0.74
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	17	0.74
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	17	0.74
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	17	0.74
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	18	0.74
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	18	0.74
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	18	0.74
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	1	0.74
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	18	0.74
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	1	0.74
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	1	0.74
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	1	0.74
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	6	0.74
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	6	0.74
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	6	0.74

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	14	0.74
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	14	0.74
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	14	0.74
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	20	0.74
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	20	0.74
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	20	0.74
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	4	0.74
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	4	0.74
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	4	0.74
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	4	0.74
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	6	0.74
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	6	0.74
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	6	0.74
(1,115)	1:816:A:LEU:HD12	1:821:A:ASP:HB3	18	0.74
(1,115)	1:816:A:LEU:HD13	1:821:A:ASP:HB3	18	0.74
(1,115)	1:816:A:LEU:HD11	1:821:A:ASP:HB3	18	0.74
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	5	0.74
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	5	0.74
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	5	0.74
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	18	0.74
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	20	0.74
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	2	0.74
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	2	0.74
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	16	0.74
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	16	0.74
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	8	0.74
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	8	0.74
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	9	0.73
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	9	0.73
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	16	0.73
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	16	0.73
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	4	0.73
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	4	0.73
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	19	0.73
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	19	0.73
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	11	0.73
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	11	0.73
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	7	0.73
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	7	0.73
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	7	0.73
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	7	0.73
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	7	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	7	0.73
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	12	0.73
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	12	0.73
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	8	0.73
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	11	0.73
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	6	0.73
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	6	0.73
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	6	0.73
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	11	0.73
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	11	0.73
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	17	0.73
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	17	0.73
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	5	0.73
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	2	0.73
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	2	0.73
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	3	0.73
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	3	0.73
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	17	0.73
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	17	0.73
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	2	0.73
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	2	0.73
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	1	0.73
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	1	0.73
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	1	0.73
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	1	0.73
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	15	0.73
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	15	0.73
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	15	0.73
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	15	0.73
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	19	0.73
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	19	0.73
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	19	0.73
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	19	0.73
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	11	0.73
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	11	0.73
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	20	0.73
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	20	0.73
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	20	0.73
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	20	0.73
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	20	0.73
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	20	0.73
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	16	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	16	0.73
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	6	0.73
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	6	0.73
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	11	0.73
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	11	0.73
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	16	0.73
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	16	0.73
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	4	0.73
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	15	0.73
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	4	0.73
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	15	0.73
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	10	0.73
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	3	0.73
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	7	0.73
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	15	0.73
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	20	0.73
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	3	0.73
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD11	7	0.73
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD12	7	0.73
(1,2878)	1:905:A:SER:HA	1:917:A:ILE:HD13	7	0.73
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	3	0.73
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	3	0.73
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	3	0.73
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	8	0.73
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	8	0.73
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	8	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	2	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	2	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	2	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	3	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	3	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	3	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	5	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	5	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	5	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	7	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	7	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	7	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	13	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	13	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	13	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	14	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	14	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	14	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	18	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	18	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	18	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	19	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	19	0.73
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	19	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	4	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	4	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	4	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	5	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	5	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	5	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	14	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	14	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	14	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD13	18	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD11	18	0.73
(1,2784)	1:874:A:LEU:HA	1:874:A:LEU:HD12	18	0.73
(1,2783)	1:918:A:GLN:HA	1:921:A:LYS:HG3	4	0.73
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	4	0.73
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	4	0.73
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	18	0.73
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	15	0.73
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	17	0.73
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	17	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	2	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	2	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	2	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	3	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	3	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	3	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	6	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	6	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	6	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	7	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	7	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	7	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	14	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	14	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	14	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	15	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	15	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	15	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	19	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	19	0.73
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	19	0.73
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	1	0.73
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	3	0.73
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	16	0.73
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	20	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	1	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	1	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	2	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	2	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	5	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	5	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	7	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	7	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	8	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	8	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	9	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	9	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	10	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	10	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	13	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	13	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	16	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	16	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	18	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	18	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	19	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	19	0.73
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	20	0.73
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	20	0.73
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	1	0.73
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	1	0.73
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	3	0.73
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	3	0.73
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	8	0.73
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	8	0.73
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	17	0.73
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	2	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	20	0.73
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	17	0.73
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	18	0.73
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	5	0.73
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	5	0.73
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	17	0.73
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	17	0.73
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	14	0.73
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	14	0.73
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD1	18	0.73
(1,2456)	1:838:A:PRO:HD3	1:875:A:TYR:HD2	18	0.73
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	16	0.73
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	16	0.73
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	7	0.73
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	6	0.73
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	6	0.73
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	7	0.73
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	7	0.73
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD1	19	0.73
(1,2432)	1:868:A:LEU:HA	1:870:A:TYR:HD2	19	0.73
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	7	0.73
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	10	0.73
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	10	0.73
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	5	0.73
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	5	0.73
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	5	0.73
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	5	0.73
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	13	0.73
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	13	0.73
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	4	0.73
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	4	0.73
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	4	0.73
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	5	0.73
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	5	0.73
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	5	0.73
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	16	0.73
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	16	0.73
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	16	0.73
(1,2371)	1:832:A:THR:HG21	1:872:A:HIS:HE1	20	0.73
(1,2371)	1:832:A:THR:HG22	1:872:A:HIS:HE1	20	0.73
(1,2371)	1:832:A:THR:HG23	1:872:A:HIS:HE1	20	0.73
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	5	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	5	0.73
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	11	0.73
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	11	0.73
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	11	0.73
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	11	0.73
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	19	0.73
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	19	0.73
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	1	0.73
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	1	0.73
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	1	0.73
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	10	0.73
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	10	0.73
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	10	0.73
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	13	0.73
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	13	0.73
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	13	0.73
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	10	0.73
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	12	0.73
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	10	0.73
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	6	0.73
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	15	0.73
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	8	0.73
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	1	0.73
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	2	0.73
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	11	0.73
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	20	0.73
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	17	0.73
(1,2096)	1:870:A:TYR:HD1	1:917:A:ILE:H	20	0.73
(1,2096)	1:870:A:TYR:HD2	1:917:A:ILE:H	20	0.73
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	17	0.73
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	9	0.73
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	11	0.73
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	20	0.73
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	9	0.73
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	11	0.73
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	11	0.73
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	14	0.73
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	14	0.73
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	18	0.73
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	18	0.73
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	1	0.73
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	16	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	19	0.73
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	8	0.73
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	8	0.73
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	8	0.73
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	15	0.73
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	15	0.73
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	17	0.73
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	16	0.73
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	16	0.73
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	6	0.73
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	4	0.73
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	4	0.73
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	15	0.73
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	7	0.73
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	7	0.73
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	1	0.73
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	18	0.73
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	3	0.73
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	8	0.73
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	19	0.73
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	18	0.73
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	6	0.73
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	13	0.73
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	15	0.73
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	11	0.73
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	9	0.73
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	3	0.73
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	2	0.73
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	2	0.73
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	18	0.73
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	13	0.73
(1,1851)	1:893:A:GLN:H	1:893:A:GLN:HB2	9	0.73
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	18	0.73
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	9	0.73
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	11	0.73
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	12	0.73
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	15	0.73
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	13	0.73
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	12	0.73
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	17	0.73
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	4	0.73
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	8	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	10	0.73
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	20	0.73
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	1	0.73
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD3	18	0.73
(1,1738)	1:881:A:ARG:H	1:881:A:ARG:HD2	18	0.73
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	5	0.73
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	5	0.73
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	15	0.73
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	15	0.73
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB3	20	0.73
(1,1731)	1:880:A:GLU:H	1:880:A:GLU:HB2	20	0.73
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	5	0.73
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	18	0.73
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	15	0.73
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	20	0.73
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	5	0.73
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	16	0.73
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	6	0.73
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	10	0.73
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	12	0.73
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	14	0.73
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	20	0.73
(1,1659)	1:872:A:HIS:HA	1:875:A:TYR:H	15	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	4	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	4	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	5	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	5	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	8	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	8	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	9	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	9	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	11	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	11	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	18	0.73
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	18	0.73
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	2	0.73
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	2	0.73
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	2	0.73
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	4	0.73
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	4	0.73
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	4	0.73
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	5	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	5	0.73
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	5	0.73
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	7	0.73
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	7	0.73
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	7	0.73
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	4	0.73
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	4	0.73
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	3	0.73
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	3	0.73
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	8	0.73
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	9	0.73
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	9	0.73
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	11	0.73
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	11	0.73
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	13	0.73
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	13	0.73
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	16	0.73
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	5	0.73
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	4	0.73
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	17	0.73
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	17	0.73
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	1	0.73
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	6	0.73
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	15	0.73
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	20	0.73
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	5	0.73
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	4	0.73
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	4	0.73
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	18	0.73
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	18	0.73
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	7	0.73
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	17	0.73
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	1	0.73
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	16	0.73
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	11	0.73
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	2	0.73
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	6	0.73
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	14	0.73
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	19	0.73
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	2	0.73
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	2	0.73
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	2	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	19	0.73
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	19	0.73
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	8	0.73
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	4	0.73
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	20	0.73
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	17	0.73
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	3	0.73
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	5	0.73
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	7	0.73
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	5	0.73
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	5	0.73
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	1	0.73
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	6	0.73
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	10	0.73
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	14	0.73
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	10	0.73
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	10	0.73
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	8	0.73
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	12	0.73
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	8	0.73
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	3	0.73
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	5	0.73
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	14	0.73
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB2	2	0.73
(1,1159)	1:826:A:ALA:H	1:860:A:ASN:HB3	2	0.73
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	18	0.73
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	18	0.73
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	8	0.73
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	3	0.73
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	16	0.73
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	3	0.73
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	7	0.73
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	7	0.73
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	15	0.73
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	15	0.73
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	15	0.73
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	15	0.73
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	3	0.73
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	3	0.73
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	6	0.73
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	6	0.73
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	3	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	8	0.73
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	18	0.73
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	3	0.73
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	1	0.73
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	9	0.73
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	6	0.73
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	20	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	4	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	4	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	4	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	13	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	13	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	13	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	17	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	17	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	17	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	19	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	19	0.73
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	19	0.73
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	10	0.73
(1,995)	1:806:A:ALA:HA	1:810:A:GLY:H	12	0.73
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	17	0.73
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	17	0.73
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	9	0.73
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	9	0.73
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	17	0.73
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	17	0.73
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	10	0.73
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	14	0.73
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	18	0.73
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	18	0.73
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	18	0.73
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	19	0.73
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	17	0.73
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	17	0.73
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	3	0.73
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	3	0.73
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	3	0.73
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	11	0.73
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	3	0.73
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	8	0.73
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	19	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD22	12	0.73
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD23	12	0.73
(1,843)	1:898:A:GLU:HA	1:926:A:LEU:HD21	12	0.73
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	15	0.73
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	16	0.73
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	18	0.73
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	18	0.73
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	18	0.73
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	14	0.73
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	15	0.73
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	4	0.73
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	4	0.73
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	6	0.73
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	6	0.73
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	7	0.73
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	7	0.73
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	13	0.73
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	13	0.73
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	17	0.73
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	4	0.73
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	12	0.73
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	16	0.73
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	7	0.73
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	3	0.73
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	3	0.73
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	3	0.73
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	5	0.73
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	5	0.73
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	5	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	7	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	7	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	7	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	8	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	8	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	8	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	11	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	11	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	11	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	16	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	16	0.73
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	16	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	3	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	3	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	3	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	9	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	9	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	9	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	13	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	13	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	13	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	17	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	17	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	17	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	20	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	20	0.73
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	20	0.73
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	7	0.73
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	7	0.73
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	7	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	6	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	6	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	6	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	7	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	7	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	7	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	8	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	8	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	8	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	9	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	9	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	9	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	13	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	13	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	13	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	20	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	20	0.73
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	20	0.73
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	5	0.73
(1,452)	1:870:A:TYR:HA	1:874:A:LEU:HB2	7	0.73
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	14	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	7	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	7	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	7	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	9	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	9	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	9	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	10	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	10	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	10	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	12	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	12	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	12	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	19	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	19	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	19	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	20	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	20	0.73
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	20	0.73
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	3	0.73
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	3	0.73
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	3	0.73
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	11	0.73
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	11	0.73
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	11	0.73
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	12	0.73
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	12	0.73
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	12	0.73
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	16	0.73
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	16	0.73
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	16	0.73
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	16	0.73
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	1	0.73
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	1	0.73
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	1	0.73
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	12	0.73
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	3	0.73
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	2	0.73
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	3	0.73
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	4	0.73
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	4	0.73
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	4	0.73
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	8	0.73
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	8	0.73
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	8	0.73
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	14	0.73
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	14	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	14	0.73
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	19	0.73
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	19	0.73
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	19	0.73
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD22	8	0.73
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD23	8	0.73
(1,265)	1:841:A:LEU:HB2	1:841:A:LEU:HD21	8	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	2	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	2	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	2	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	8	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	8	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	8	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	10	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	10	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	10	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	12	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	12	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	12	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	15	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	15	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	15	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	16	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	16	0.73
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	16	0.73
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	10	0.73
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	10	0.73
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	10	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	8	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	8	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	8	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	14	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	14	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	14	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	17	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	17	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	17	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	20	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	20	0.73
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	20	0.73
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	17	0.73
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	17	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	17	0.73
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	13	0.73
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	18	0.73
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	1	0.73
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	2	0.72
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	2	0.72
(1,3319)	1:890:A:SER:HB2	1:891:A:LYS:H	5	0.72
(1,3319)	1:890:A:SER:HB3	1:891:A:LYS:H	5	0.72
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	15	0.72
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	15	0.72
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	11	0.72
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	11	0.72
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	11	0.72
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	10	0.72
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	10	0.72
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	10	0.72
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	19	0.72
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	19	0.72
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	12	0.72
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	12	0.72
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	12	0.72
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	12	0.72
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	4	0.72
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	4	0.72
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	9	0.72
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	9	0.72
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	9	0.72
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	9	0.72
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	8	0.72
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	8	0.72
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	20	0.72
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	20	0.72
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	13	0.72
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	13	0.72
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	5	0.72
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	5	0.72
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	8	0.72
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	8	0.72
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	7	0.72
(1,2960)	1:923:A:GLN:HB2	1:923:A:GLN:HE21	19	0.72
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	16	0.72
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	7	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2951)	1:857:A:LEU:HA	1:859:A:ASN:H	12	0.72
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	7	0.72
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	15	0.72
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	3	0.72
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	16	0.72
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	19	0.72
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG2	6	0.72
(1,2903)	1:837:A:LEU:H	1:838:A:PRO:HG3	6	0.72
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	10	0.72
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	10	0.72
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	10	0.72
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	15	0.72
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	15	0.72
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	15	0.72
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD11	17	0.72
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD12	17	0.72
(1,2795)	1:897:A:ILE:HA	1:897:A:ILE:HD13	17	0.72
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD21	9	0.72
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD22	9	0.72
(1,2768)	1:830:A:ALA:HA	1:868:A:LEU:HD23	9	0.72
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	13	0.72
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	18	0.72
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	3	0.72
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	12	0.72
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	3	0.72
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	14	0.72
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	16	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	9	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	9	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	9	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	11	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	11	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	11	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	13	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	13	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	13	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	16	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	16	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	16	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	17	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	17	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	17	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	20	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	20	0.72
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	20	0.72
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	14	0.72
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	9	0.72
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	3	0.72
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	3	0.72
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	4	0.72
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	4	0.72
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	6	0.72
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	6	0.72
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	11	0.72
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	11	0.72
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	12	0.72
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	12	0.72
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	14	0.72
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	14	0.72
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	15	0.72
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	15	0.72
(1,2676)	1:901:A:PHE:HD2	1:901:A:PHE:HZ	17	0.72
(1,2676)	1:901:A:PHE:HD1	1:901:A:PHE:HZ	17	0.72
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	5	0.72
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	5	0.72
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	19	0.72
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	19	0.72
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	2	0.72
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	2	0.72
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	11	0.72
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	11	0.72
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	19	0.72
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	19	0.72
(1,2619)	1:800:A:ILE:HG22	1:827:A:HIS:HD2	13	0.72
(1,2619)	1:800:A:ILE:HG23	1:827:A:HIS:HD2	13	0.72
(1,2619)	1:800:A:ILE:HG21	1:827:A:HIS:HD2	13	0.72
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	1	0.72
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	1	0.72
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	1	0.72
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	1	0.72
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	10	0.72
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	10	0.72
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	17	0.72
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	7	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	6	0.72
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	6	0.72
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	16	0.72
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	19	0.72
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	11	0.72
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	16	0.72
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	4	0.72
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	10	0.72
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	10	0.72
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	17	0.72
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	17	0.72
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	14	0.72
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	14	0.72
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	11	0.72
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	11	0.72
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	9	0.72
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	9	0.72
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	16	0.72
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	16	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	2	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	2	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	2	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	3	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	3	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	3	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	4	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	4	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	4	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	6	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	6	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	6	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	7	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	7	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	7	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	9	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	9	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	9	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	14	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	14	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	14	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	16	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	16	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	16	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	17	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	17	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	17	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	18	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	18	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	18	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	19	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	19	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	19	0.72
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	20	0.72
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	20	0.72
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	20	0.72
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	5	0.72
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	20	0.72
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	20	0.72
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	20	0.72
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	20	0.72
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	20	0.72
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	7	0.72
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	7	0.72
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	15	0.72
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	15	0.72
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	1	0.72
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	1	0.72
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	9	0.72
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	9	0.72
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	20	0.72
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	5	0.72
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	13	0.72
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	14	0.72
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	10	0.72
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	10	0.72
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	10	0.72
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	12	0.72
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	12	0.72
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	12	0.72
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	3	0.72
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	3	0.72
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	8	0.72
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	17	0.72
(1,2019)	1:909:A:ASN:H	1:909:A:ASN:HB3	10	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	7	0.72
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	7	0.72
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	15	0.72
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	18	0.72
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	14	0.72
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	14	0.72
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	15	0.72
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	15	0.72
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	7	0.72
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	7	0.72
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	9	0.72
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	9	0.72
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	6	0.72
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	19	0.72
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	8	0.72
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	18	0.72
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	6	0.72
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	6	0.72
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	6	0.72
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	10	0.72
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	9	0.72
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	9	0.72
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	10	0.72
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	10	0.72
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	19	0.72
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	16	0.72
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	20	0.72
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	20	0.72
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	12	0.72
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	19	0.72
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	5	0.72
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	8	0.72
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	3	0.72
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	12	0.72
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	18	0.72
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	4	0.72
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	20	0.72
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	13	0.72
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	13	0.72
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	9	0.72
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	9	0.72
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD1	10	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1736)	1:881:A:ARG:H	1:882:A:PHE:HD2	10	0.72
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	3	0.72
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	12	0.72
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	3	0.72
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	10	0.72
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	1	0.72
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	5	0.72
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	7	0.72
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	5	0.72
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	7	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	1	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	1	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	10	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	10	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	12	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	12	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	14	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	14	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	17	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	17	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	19	0.72
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	19	0.72
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	3	0.72
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	7	0.72
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD11	12	0.72
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD12	12	0.72
(1,1621)	1:873:A:LEU:H	1:873:A:LEU:HD13	12	0.72
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	1	0.72
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	1	0.72
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	10	0.72
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	10	0.72
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	16	0.72
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	19	0.72
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	15	0.72
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	11	0.72
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	5	0.72
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	18	0.72
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	13	0.72
(1,1556)	1:865:A:ASP:HB3	1:867:A:SER:H	16	0.72
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	17	0.72
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	17	0.72
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	2	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	1	0.72
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	1	0.72
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	5	0.72
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	5	0.72
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	17	0.72
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	17	0.72
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	5	0.72
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	10	0.72
(1,1462)	1:856:A:SER:HB2	1:857:A:LEU:H	16	0.72
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	2	0.72
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	19	0.72
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	8	0.72
(1,1450)	1:853:A:LEU:HA	1:856:A:SER:H	5	0.72
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	9	0.72
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	2	0.72
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	5	0.72
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	10	0.72
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	11	0.72
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	15	0.72
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	20	0.72
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	7	0.72
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	7	0.72
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	4	0.72
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	4	0.72
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	14	0.72
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	14	0.72
(1,1353)	1:847:A:GLY:HA3	1:849:A:THR:H	15	0.72
(1,1353)	1:847:A:GLY:HA2	1:849:A:THR:H	15	0.72
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	1	0.72
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	2	0.72
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	2	0.72
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	1	0.72
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	3	0.72
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	3	0.72
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	15	0.72
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	15	0.72
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	16	0.72
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	16	0.72
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	3	0.72
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	6	0.72
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	6	0.72
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	13	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	2	0.72
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	8	0.72
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	15	0.72
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	19	0.72
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	15	0.72
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	11	0.72
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	18	0.72
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	2	0.72
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	9	0.72
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	15	0.72
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	13	0.72
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	13	0.72
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	7	0.72
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	2	0.72
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	9	0.72
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	10	0.72
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	4	0.72
(1,1121)	1:820:A:LYS:HG2	1:821:A:ASP:H	17	0.72
(1,1121)	1:820:A:LYS:HG3	1:821:A:ASP:H	17	0.72
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	5	0.72
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	13	0.72
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	11	0.72
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	11	0.72
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	4	0.72
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	14	0.72
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	18	0.72
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	20	0.72
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	1	0.72
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	1	0.72
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	1	0.72
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	5	0.72
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	5	0.72
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	8	0.72
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	8	0.72
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	18	0.72
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	18	0.72
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	5	0.72
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	11	0.72
(1,964)	1:807:A:TYR:H	1:808:A:GLU:H	17	0.72
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	10	0.72
(1,940)	1:804:A:ASN:HB2	1:805:A:ASN:HD21	10	0.72
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	2	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	12	0.72
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	15	0.72
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	11	0.72
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	11	0.72
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	11	0.72
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	5	0.72
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	16	0.72
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	4	0.72
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	3	0.72
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	12	0.72
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	11	0.72
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	11	0.72
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	11	0.72
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	17	0.72
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	17	0.72
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	17	0.72
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	14	0.72
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	14	0.72
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	14	0.72
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	14	0.72
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	14	0.72
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	14	0.72
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	3	0.72
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	6	0.72
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	1	0.72
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	1	0.72
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	8	0.72
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	8	0.72
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	15	0.72
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	15	0.72
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	18	0.72
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	18	0.72
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	19	0.72
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	19	0.72
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	11	0.72
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE1	14	0.72
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE2	14	0.72
(1,634)	1:881:A:ARG:HA	1:885:A:MET:HE3	14	0.72
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	8	0.72
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	8	0.72
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	8	0.72
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	9	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	9	0.72
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	9	0.72
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	11	0.72
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	11	0.72
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	11	0.72
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	3	0.72
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	6	0.72
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	13	0.72
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD11	15	0.72
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD12	15	0.72
(1,557)	1:886:A:LEU:HA	1:897:A:ILE:HD13	15	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	5	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	5	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	5	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	17	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	17	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	17	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	19	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	19	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	19	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	20	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	20	0.72
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	20	0.72
(1,552)	1:884:A:MET:H	1:885:A:MET:HE1	5	0.72
(1,552)	1:884:A:MET:H	1:885:A:MET:HE2	5	0.72
(1,552)	1:884:A:MET:H	1:885:A:MET:HE3	5	0.72
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	10	0.72
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	10	0.72
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	10	0.72
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	7	0.72
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	14	0.72
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	14	0.72
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	14	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	2	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	2	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	2	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	3	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	3	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	3	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	4	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	4	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	4	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	5	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	5	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	5	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	10	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	10	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	10	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	11	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	11	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	11	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	12	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	12	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	12	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	15	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	15	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	15	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	16	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	16	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	16	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	17	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	17	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	17	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	18	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	18	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	18	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	19	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	19	0.72
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	19	0.72
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	4	0.72
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	13	0.72
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	6	0.72
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG21	4	0.72
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG22	4	0.72
(1,447)	1:868:A:LEU:HB3	1:869:A:VAL:HG23	4	0.72
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	19	0.72
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	19	0.72
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	19	0.72
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	7	0.72
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	7	0.72
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	4	0.72
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	4	0.72
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	14	0.72
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	14	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	15	0.72
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	18	0.72
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	12	0.72
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD21	7	0.72
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD22	7	0.72
(1,278)	1:849:A:THR:HA	1:852:A:LEU:HD23	7	0.72
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	3	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	3	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	3	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	3	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	4	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	4	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	4	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	5	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	5	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	5	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	7	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	7	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	7	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	9	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	9	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	9	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	11	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	11	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	11	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	13	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	13	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	13	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD13	19	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD11	19	0.72
(1,212)	1:831:A:ILE:H	1:831:A:ILE:HD12	19	0.72
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	20	0.72
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	11	0.72
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	11	0.72
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	11	0.72
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	11	0.72
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	11	0.72
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	11	0.72
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	18	0.72
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	18	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	4	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	4	0.72

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	4	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	5	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	5	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	5	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	6	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	6	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	6	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	10	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	10	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	10	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	12	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	12	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	12	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	15	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	15	0.72
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	15	0.72
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	6	0.72
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	13	0.72
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	17	0.72
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	11	0.72
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	15	0.72
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	6	0.72
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	20	0.72
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	2	0.72
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	2	0.72
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	9	0.72
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	9	0.72
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	3	0.72
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	6	0.71
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	6	0.71
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	11	0.71
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	11	0.71
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	11	0.71
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	11	0.71
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	9	0.71
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	9	0.71
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	4	0.71
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	4	0.71
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	16	0.71
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	16	0.71
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	18	0.71
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	18	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	1	0.71
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	1	0.71
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	3	0.71
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	3	0.71
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	2	0.71
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	2	0.71
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	10	0.71
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	10	0.71
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	17	0.71
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	17	0.71
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	20	0.71
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	20	0.71
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	19	0.71
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	19	0.71
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	19	0.71
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	12	0.71
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	12	0.71
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	4	0.71
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	4	0.71
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	17	0.71
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	1	0.71
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	1	0.71
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	1	0.71
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	1	0.71
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	15	0.71
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	15	0.71
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	18	0.71
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	18	0.71
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	16	0.71
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	16	0.71
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	10	0.71
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	10	0.71
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	19	0.71
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	19	0.71
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	18	0.71
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	18	0.71
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	14	0.71
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	14	0.71
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	18	0.71
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	18	0.71
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	2	0.71
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	4	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	5	0.71
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	11	0.71
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	6	0.71
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	6	0.71
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	6	0.71
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	4	0.71
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	7	0.71
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	8	0.71
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	2	0.71
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	11	0.71
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	20	0.71
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	3	0.71
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	19	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	1	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	1	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	1	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	5	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	5	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	5	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	8	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	8	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	8	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG21	18	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG22	18	0.71
(1,2690)	1:818:A:THR:H	1:818:A:THR:HG23	18	0.71
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	7	0.71
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	10	0.71
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	18	0.71
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	18	0.71
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	18	0.71
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	18	0.71
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	6	0.71
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	6	0.71
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	13	0.71
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	13	0.71
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	20	0.71
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	20	0.71
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	3	0.71
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	3	0.71
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	13	0.71
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	13	0.71
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	18	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	18	0.71
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	1	0.71
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	5	0.71
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	5	0.71
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	3	0.71
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	1	0.71
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	19	0.71
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	17	0.71
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	3	0.71
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	20	0.71
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	20	0.71
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	6	0.71
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	3	0.71
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	3	0.71
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	16	0.71
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	4	0.71
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	4	0.71
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	6	0.71
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	6	0.71
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	19	0.71
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	19	0.71
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	11	0.71
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	11	0.71
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	17	0.71
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	17	0.71
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	18	0.71
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	18	0.71
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	4	0.71
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	4	0.71
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	20	0.71
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	20	0.71
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	4	0.71
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	4	0.71
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	13	0.71
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	13	0.71
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	20	0.71
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	20	0.71
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD1	20	0.71
(1,2391)	1:839:A:MET:HE1	1:840:A:PHE:HD2	20	0.71
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD1	20	0.71
(1,2391)	1:839:A:MET:HE2	1:840:A:PHE:HD2	20	0.71
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD1	20	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2391)	1:839:A:MET:HE3	1:840:A:PHE:HD2	20	0.71
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	12	0.71
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	12	0.71
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD2	18	0.71
(1,2380)	1:898:A:GLU:HA	1:901:A:PHE:HD1	18	0.71
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	5	0.71
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	5	0.71
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	1	0.71
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	1	0.71
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	1	0.71
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	1	0.71
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	1	0.71
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	1	0.71
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	19	0.71
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	19	0.71
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	19	0.71
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	19	0.71
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	19	0.71
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	19	0.71
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	13	0.71
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	13	0.71
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	13	0.71
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	13	0.71
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	1	0.71
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	1	0.71
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	4	0.71
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	4	0.71
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	6	0.71
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	5	0.71
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	5	0.71
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	5	0.71
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	12	0.71
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	12	0.71
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	12	0.71
(1,2259)	1:868:A:LEU:HD21	1:872:A:HIS:HD2	15	0.71
(1,2259)	1:868:A:LEU:HD22	1:872:A:HIS:HD2	15	0.71
(1,2259)	1:868:A:LEU:HD23	1:872:A:HIS:HD2	15	0.71
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	8	0.71
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	1	0.71
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	1	0.71
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	4	0.71
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	7	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	19	0.71
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	19	0.71
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	12	0.71
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	15	0.71
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	13	0.71
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	2	0.71
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	2	0.71
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	8	0.71
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	15	0.71
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	9	0.71
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	12	0.71
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	5	0.71
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	3	0.71
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	1	0.71
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	1	0.71
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	1	0.71
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	2	0.71
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	2	0.71
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	2	0.71
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	6	0.71
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	6	0.71
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	6	0.71
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	16	0.71
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	16	0.71
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	16	0.71
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	17	0.71
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	17	0.71
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	17	0.71
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	6	0.71
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	16	0.71
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	16	0.71
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	15	0.71
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	9	0.71
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	9	0.71
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	13	0.71
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	3	0.71
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	8	0.71
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	5	0.71
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	7	0.71
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	8	0.71
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	11	0.71
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	20	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	15	0.71
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	9	0.71
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	1	0.71
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	10	0.71
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	11	0.71
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	18	0.71
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD21	2	0.71
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD22	2	0.71
(1,1896)	1:896:A:LEU:H	1:896:A:LEU:HD23	2	0.71
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	4	0.71
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	15	0.71
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	15	0.71
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	14	0.71
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	4	0.71
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	5	0.71
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	11	0.71
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	14	0.71
(1,1835)	1:889:A:ILE:HA	1:890:A:SER:H	19	0.71
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	5	0.71
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	18	0.71
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	18	0.71
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	18	0.71
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	7	0.71
(1,1790)	1:885:A:MET:H	1:886:A:LEU:H	15	0.71
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	1	0.71
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	15	0.71
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	20	0.71
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	18	0.71
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	20	0.71
(1,1740)	1:880:A:GLU:HB3	1:881:A:ARG:H	14	0.71
(1,1740)	1:880:A:GLU:HB2	1:881:A:ARG:H	14	0.71
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	19	0.71
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	1	0.71
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	8	0.71
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	3	0.71
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	15	0.71
(1,1692)	1:877:A:SER:H	1:877:A:SER:HG	4	0.71
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	6	0.71
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	8	0.71
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	6	0.71
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	6	0.71
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	15	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	15	0.71
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	20	0.71
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	20	0.71
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	16	0.71
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	16	0.71
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	5	0.71
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	3	0.71
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	8	0.71
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	7	0.71
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	7	0.71
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	13	0.71
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	13	0.71
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	5	0.71
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	2	0.71
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	7	0.71
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	2	0.71
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	2	0.71
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	4	0.71
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	4	0.71
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	14	0.71
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	14	0.71
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	16	0.71
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD1	17	0.71
(1,1585)	1:870:A:TYR:H	1:912:A:PHE:HD2	17	0.71
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	7	0.71
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	14	0.71
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	19	0.71
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	12	0.71
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	13	0.71
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	16	0.71
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	16	0.71
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	13	0.71
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	1	0.71
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	6	0.71
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	6	0.71
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	4	0.71
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	10	0.71
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	10	0.71
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	10	0.71
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	10	0.71
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	12	0.71
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	12	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	20	0.71
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	20	0.71
(1,1464)	1:857:A:LEU:H	1:858:A:LYS:H	18	0.71
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	3	0.71
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	14	0.71
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	15	0.71
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	20	0.71
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	6	0.71
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	7	0.71
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	12	0.71
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	15	0.71
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	17	0.71
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	4	0.71
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	5	0.71
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	8	0.71
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	5	0.71
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	5	0.71
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	3	0.71
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	18	0.71
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	3	0.71
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	3	0.71
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	5	0.71
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	5	0.71
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB2	6	0.71
(1,1340)	1:848:A:ASP:H	1:848:A:ASP:HB3	6	0.71
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	8	0.71
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	8	0.71
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	12	0.71
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	12	0.71
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	6	0.71
(1,1262)	1:836:A:ASP:H	1:837:A:LEU:HB3	1	0.71
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	15	0.71
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	3	0.71
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	5	0.71
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	13	0.71
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	2	0.71
(1,1203)	1:827:A:HIS:HB2	1:830:A:ALA:H	18	0.71
(1,1203)	1:827:A:HIS:HB3	1:830:A:ALA:H	18	0.71
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	2	0.71
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	3	0.71
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	4	0.71
(1,1176)	1:827:A:HIS:H	1:828:A:LEU:H	11	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	7	0.71
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	10	0.71
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	11	0.71
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	12	0.71
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	17	0.71
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	18	0.71
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	19	0.71
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	7	0.71
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	1	0.71
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	1	0.71
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	20	0.71
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	5	0.71
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	2	0.71
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	14	0.71
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	14	0.71
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	5	0.71
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	13	0.71
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	8	0.71
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	14	0.71
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	17	0.71
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	1	0.71
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	2	0.71
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	5	0.71
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	14	0.71
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	18	0.71
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	18	0.71
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	18	0.71
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	14	0.71
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	14	0.71
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	12	0.71
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	12	0.71
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	16	0.71
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	16	0.71
(1,970)	1:807:A:TYR:HE1	1:808:A:GLU:H	7	0.71
(1,970)	1:807:A:TYR:HE2	1:808:A:GLU:H	7	0.71
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	4	0.71
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	8	0.71
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD2	18	0.71
(1,916)	1:802:A:LYS:H	1:803:A:PRO:HD3	18	0.71
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	16	0.71
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	16	0.71
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	16	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD13	19	0.71
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD11	19	0.71
(1,909)	1:802:A:LYS:H	1:831:A:ILE:HD12	19	0.71
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	15	0.71
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	15	0.71
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	15	0.71
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	10	0.71
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	1	0.71
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	10	0.71
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	10	0.71
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	10	0.71
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	10	0.71
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	10	0.71
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	10	0.71
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	10	0.71
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	3	0.71
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	3	0.71
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	3	0.71
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	12	0.71
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	2	0.71
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	2	0.71
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	9	0.71
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	9	0.71
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	10	0.71
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	10	0.71
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	16	0.71
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	16	0.71
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	17	0.71
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	17	0.71
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	18	0.71
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	2	0.71
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	13	0.71
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	16	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	2	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	2	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	2	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	4	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	4	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	4	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	6	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	6	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	6	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	14	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	14	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	14	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	20	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	20	0.71
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	20	0.71
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD1	8	0.71
(1,560)	1:886:A:LEU:HD12	1:924:A:TYR:HD2	8	0.71
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD1	8	0.71
(1,560)	1:886:A:LEU:HD13	1:924:A:TYR:HD2	8	0.71
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD1	8	0.71
(1,560)	1:886:A:LEU:HD11	1:924:A:TYR:HD2	8	0.71
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD12	3	0.71
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD13	3	0.71
(1,555)	1:886:A:LEU:HA	1:886:A:LEU:HD11	3	0.71
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	9	0.71
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	9	0.71
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	9	0.71
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	20	0.71
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	20	0.71
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	20	0.71
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	20	0.71
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	1	0.71
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	1	0.71
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	1	0.71
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD21	14	0.71
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD22	14	0.71
(1,492)	1:874:A:LEU:HB2	1:874:A:LEU:HD23	14	0.71
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	2	0.71
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	7	0.71
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	4	0.71
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	9	0.71
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	2	0.71
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	9	0.71
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	15	0.71
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	17	0.71
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	5	0.71
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	5	0.71
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	5	0.71
(1,388)	1:862:A:ILE:HG21	1:863:A:GLU:H	18	0.71
(1,388)	1:862:A:ILE:HG22	1:863:A:GLU:H	18	0.71
(1,388)	1:862:A:ILE:HG23	1:863:A:GLU:H	18	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	9	0.71
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	9	0.71
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	10	0.71
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	10	0.71
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	18	0.71
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	18	0.71
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	13	0.71
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	4	0.71
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	4	0.71
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	4	0.71
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD23	6	0.71
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD21	6	0.71
(1,174)	1:828:A:LEU:HA	1:828:A:LEU:HD22	6	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	1	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	1	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	1	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	2	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	2	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	2	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	3	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	3	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	3	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	9	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	9	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	9	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	11	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	11	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	11	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	13	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	13	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	13	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	16	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	16	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	16	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	18	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	18	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	18	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	19	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	19	0.71
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	19	0.71
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	11	0.71
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	1	0.71

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	1	0.71
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	1	0.71
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	10	0.7
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	10	0.7
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	8	0.7
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	8	0.7
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	19	0.7
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	19	0.7
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	1	0.7
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	1	0.7
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	9	0.7
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	9	0.7
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	5	0.7
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	13	0.7
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	13	0.7
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	8	0.7
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	8	0.7
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	13	0.7
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	13	0.7
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	18	0.7
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	18	0.7
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	9	0.7
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	4	0.7
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	4	0.7
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB2	4	0.7
(1,3096)	1:825:A:CYS:H	1:856:A:SER:HB3	4	0.7
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	19	0.7
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	19	0.7
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	14	0.7
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	14	0.7
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	2	0.7
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	2	0.7
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	1	0.7
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	1	0.7
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	4	0.7
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	4	0.7
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	6	0.7
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	6	0.7
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	2	0.7
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	9	0.7
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	19	0.7
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	20	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	14	0.7
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	8	0.7
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	2	0.7
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	18	0.7
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	18	0.7
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	1	0.7
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	11	0.7
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	6	0.7
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	9	0.7
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	6	0.7
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	6	0.7
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	6	0.7
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	6	0.7
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	9	0.7
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	9	0.7
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	9	0.7
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	9	0.7
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	14	0.7
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	14	0.7
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	2	0.7
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	2	0.7
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	7	0.7
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	7	0.7
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	14	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	1	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	1	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	7	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	7	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	9	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	9	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	14	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	14	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	15	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	15	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	17	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	17	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	20	0.7
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	20	0.7
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	6	0.7
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	6	0.7
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	9	0.7
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	11	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	11	0.7
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	11	0.7
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	11	0.7
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	11	0.7
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	11	0.7
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	2	0.7
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	2	0.7
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	2	0.7
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	2	0.7
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	15	0.7
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	15	0.7
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	15	0.7
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	15	0.7
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	6	0.7
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	3	0.7
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	3	0.7
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	6	0.7
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	6	0.7
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	8	0.7
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	12	0.7
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	13	0.7
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	1	0.7
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	1	0.7
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	1	0.7
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	1	0.7
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	20	0.7
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	4	0.7
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	5	0.7
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	14	0.7
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	1	0.7
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	1	0.7
(1,2484)	1:875:A:TYR:HD1	1:878:A:LYS:HE3	7	0.7
(1,2484)	1:875:A:TYR:HD2	1:878:A:LYS:HE3	7	0.7
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	2	0.7
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	2	0.7
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	17	0.7
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	17	0.7
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	9	0.7
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	9	0.7
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	15	0.7
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	15	0.7
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	3	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	3	0.7
(1,2407)	1:809:A:PHE:HE2	1:832:A:THR:HA	12	0.7
(1,2407)	1:809:A:PHE:HE1	1:832:A:THR:HA	12	0.7
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	2	0.7
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	2	0.7
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	16	0.7
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	16	0.7
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	4	0.7
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	4	0.7
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	4	0.7
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	4	0.7
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	13	0.7
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	13	0.7
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	13	0.7
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	13	0.7
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	19	0.7
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	19	0.7
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	19	0.7
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	19	0.7
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE1	19	0.7
(1,2283)	1:882:A:PHE:HZ	1:924:A:TYR:HE2	19	0.7
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	6	0.7
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	6	0.7
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	13	0.7
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	2	0.7
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	17	0.7
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	4	0.7
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	16	0.7
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	4	0.7
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	16	0.7
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	4	0.7
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	15	0.7
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	13	0.7
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	20	0.7
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	20	0.7
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	19	0.7
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	7	0.7
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	4	0.7
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	4	0.7
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	4	0.7
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	9	0.7
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	9	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	9	0.7
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	11	0.7
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	11	0.7
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	11	0.7
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	13	0.7
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	13	0.7
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	13	0.7
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	14	0.7
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	14	0.7
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	14	0.7
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	15	0.7
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	15	0.7
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	15	0.7
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	19	0.7
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	19	0.7
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	19	0.7
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	1	0.7
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	14	0.7
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	14	0.7
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	14	0.7
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	4	0.7
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	7	0.7
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	11	0.7
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	12	0.7
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	18	0.7
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	15	0.7
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	17	0.7
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	6	0.7
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	6	0.7
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	3	0.7
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	17	0.7
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	17	0.7
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	10	0.7
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	4	0.7
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	6	0.7
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	8	0.7
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	2	0.7
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	12	0.7
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	15	0.7
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	16	0.7
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	16	0.7
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	6	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	15	0.7
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	20	0.7
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	1	0.7
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	1	0.7
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	20	0.7
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	20	0.7
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	16	0.7
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	16	0.7
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	16	0.7
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	17	0.7
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	17	0.7
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	17	0.7
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	4	0.7
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	7	0.7
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	16	0.7
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	3	0.7
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	6	0.7
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	14	0.7
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	1	0.7
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	9	0.7
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	20	0.7
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	10	0.7
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	17	0.7
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	1	0.7
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	8	0.7
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	12	0.7
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	18	0.7
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	4	0.7
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	3	0.7
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	3	0.7
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	7	0.7
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	7	0.7
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	16	0.7
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	16	0.7
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	6	0.7
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	12	0.7
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	15	0.7
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	16	0.7
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	9	0.7
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	9	0.7
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	14	0.7
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	14	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	15	0.7
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	15	0.7
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	11	0.7
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	4	0.7
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	12	0.7
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	12	0.7
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	20	0.7
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	20	0.7
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	3	0.7
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	3	0.7
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	8	0.7
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	8	0.7
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	15	0.7
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	15	0.7
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	18	0.7
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	20	0.7
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	18	0.7
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	2	0.7
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	10	0.7
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	16	0.7
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	16	0.7
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	12	0.7
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	12	0.7
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	2	0.7
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	2	0.7
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	3	0.7
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	13	0.7
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	9	0.7
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	9	0.7
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	3	0.7
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	3	0.7
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	8	0.7
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	18	0.7
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	20	0.7
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	7	0.7
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	19	0.7
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	17	0.7
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	5	0.7
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	10	0.7
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	8	0.7
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	9	0.7
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	14	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	3	0.7
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	6	0.7
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	18	0.7
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	12	0.7
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	10	0.7
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	20	0.7
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	5	0.7
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	12	0.7
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	12	0.7
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	16	0.7
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	16	0.7
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	20	0.7
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	8	0.7
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	18	0.7
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	18	0.7
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	17	0.7
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	1	0.7
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	19	0.7
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	6	0.7
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	4	0.7
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	4	0.7
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	16	0.7
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	20	0.7
(1,1145)	1:823:A:GLU:HG2	1:825:A:CYS:H	16	0.7
(1,1145)	1:823:A:GLU:HG3	1:825:A:CYS:H	16	0.7
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	9	0.7
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	1	0.7
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	6	0.7
(1,1111)	1:820:A:LYS:H	1:821:A:ASP:H	19	0.7
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	19	0.7
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	15	0.7
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	12	0.7
(1,1103)	1:819:A:ARG:HB3	1:820:A:LYS:H	3	0.7
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	18	0.7
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	18	0.7
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	6	0.7
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	17	0.7
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	17	0.7
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	4	0.7
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	4	0.7
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	18	0.7
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	18	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	10	0.7
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	9	0.7
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	14	0.7
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	2	0.7
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	6	0.7
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	8	0.7
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	9	0.7
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	15	0.7
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	8	0.7
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	15	0.7
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	17	0.7
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	19	0.7
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	12	0.7
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	12	0.7
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	12	0.7
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	12	0.7
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	15	0.7
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	15	0.7
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB2	13	0.7
(1,1001)	1:811:A:GLN:H	1:811:A:GLN:HB3	13	0.7
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	14	0.7
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	14	0.7
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	14	0.7
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	14	0.7
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	1	0.7
(1,958)	1:807:A:TYR:H	1:807:A:TYR:HB2	12	0.7
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	7	0.7
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	7	0.7
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB1	4	0.7
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB2	4	0.7
(1,906)	1:801:A:ALA:H	1:801:A:ALA:HB3	4	0.7
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	7	0.7
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	7	0.7
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	14	0.7
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD11	16	0.7
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD12	16	0.7
(1,858)	1:861:A:LEU:HA	1:861:A:LEU:HD13	16	0.7
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	11	0.7
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	19	0.7
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	20	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	2	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	2	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	2	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	6	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	6	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	6	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	7	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	7	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	7	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	11	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	11	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	11	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	12	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	12	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	12	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	16	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	16	0.7
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	16	0.7
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	3	0.7
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	3	0.7
(1,700)	1:902:A:GLU:HB2	1:902:A:GLU:HG2	11	0.7
(1,700)	1:902:A:GLU:HB3	1:902:A:GLU:HG2	11	0.7
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	11	0.7
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	12	0.7
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	12	0.7
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	12	0.7
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	17	0.7
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	17	0.7
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	17	0.7
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	2	0.7
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	18	0.7
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	18	0.7
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	12	0.7
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	12	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	1	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	1	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	1	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	13	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	13	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	13	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	16	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	16	0.7
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	16	0.7
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	7	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	7	0.7
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	7	0.7
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	19	0.7
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	19	0.7
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	19	0.7
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	14	0.7
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	6	0.7
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	6	0.7
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	6	0.7
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	16	0.7
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	16	0.7
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	16	0.7
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	20	0.7
(1,468)	1:873:A:LEU:HA	1:873:A:LEU:HG	12	0.7
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	20	0.7
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	20	0.7
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	19	0.7
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	13	0.7
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	12	0.7
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	15	0.7
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	8	0.7
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	6	0.7
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	6	0.7
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	6	0.7
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	6	0.7
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	6	0.7
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	6	0.7
(1,177)	1:828:A:LEU:H	1:828:A:LEU:HG	6	0.7
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	15	0.7
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	6	0.7
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	6	0.7
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	6	0.7
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	8	0.7
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	8	0.7
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	8	0.7
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD11	7	0.7
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD12	7	0.7
(1,97)	1:813:A:ILE:HB	1:813:A:ILE:HD13	7	0.7
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	10	0.7
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	12	0.7
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	12	0.7
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	12	0.7

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,61)	1:812:A:ILE:HG23	1:813:A:ILE:H	14	0.7
(1,61)	1:812:A:ILE:HG21	1:813:A:ILE:H	14	0.7
(1,61)	1:812:A:ILE:HG22	1:813:A:ILE:H	14	0.7
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	9	0.7
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD13	18	0.7
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD11	18	0.7
(1,28)	1:800:A:ILE:HA	1:800:A:ILE:HD12	18	0.7
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	8	0.7
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	8	0.7
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	19	0.7
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	13	0.7
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	13	0.7
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	2	0.69
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	2	0.69
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	2	0.69
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	2	0.69
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	19	0.69
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	19	0.69
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG2	5	0.69
(1,3371)	1:915:A:GLU:HA	1:915:A:GLU:HG3	5	0.69
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	10	0.69
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	10	0.69
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	7	0.69
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	7	0.69
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	9	0.69
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	9	0.69
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	7	0.69
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	7	0.69
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	16	0.69
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	16	0.69
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG2	10	0.69
(1,3294)	1:879:A:ALA:HA	1:880:A:GLU:HG3	10	0.69
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	5	0.69
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	5	0.69
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	19	0.69
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	19	0.69
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	7	0.69
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	7	0.69
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	11	0.69
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	11	0.69
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	16	0.69
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	16	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE2	19	0.69
(1,3153)	1:843:A:ASN:H	1:844:A:LYS:HE3	19	0.69
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	10	0.69
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	10	0.69
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	7	0.69
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	7	0.69
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	7	0.69
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	7	0.69
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB2	1	0.69
(1,3097)	1:826:A:ALA:H	1:856:A:SER:HB3	1	0.69
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	5	0.69
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	5	0.69
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	7	0.69
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	7	0.69
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	3	0.69
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	3	0.69
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	16	0.69
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	16	0.69
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	1	0.69
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	1	0.69
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	12	0.69
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	12	0.69
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	14	0.69
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	14	0.69
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	15	0.69
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	15	0.69
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	11	0.69
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	11	0.69
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	6	0.69
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	6	0.69
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	9	0.69
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	15	0.69
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	8	0.69
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	16	0.69
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	9	0.69
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	12	0.69
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	13	0.69
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	13	0.69
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	13	0.69
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	8	0.69
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	19	0.69
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	5	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	10	0.69
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	3	0.69
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	3	0.69
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	10	0.69
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	4	0.69
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	4	0.69
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	5	0.69
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	5	0.69
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	6	0.69
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	6	0.69
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	8	0.69
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	8	0.69
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	10	0.69
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	10	0.69
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	20	0.69
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	2	0.69
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	15	0.69
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	9	0.69
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	14	0.69
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	17	0.69
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	16	0.69
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	19	0.69
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	20	0.69
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	13	0.69
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	8	0.69
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	8	0.69
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	8	0.69
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	8	0.69
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	8	0.69
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	2	0.69
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	2	0.69
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	9	0.69
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	9	0.69
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	4	0.69
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	20	0.69
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	8	0.69
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	11	0.69
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	13	0.69
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	13	0.69
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	13	0.69
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	13	0.69
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	8	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	8	0.69
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	17	0.69
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	17	0.69
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	14	0.69
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	14	0.69
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	19	0.69
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	19	0.69
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	3	0.69
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	3	0.69
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	11	0.69
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	11	0.69
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	11	0.69
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	11	0.69
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	11	0.69
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	11	0.69
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	2	0.69
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	2	0.69
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	7	0.69
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	7	0.69
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	7	0.69
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	7	0.69
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	12	0.69
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	12	0.69
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	12	0.69
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	12	0.69
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	12	0.69
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	12	0.69
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	18	0.69
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	18	0.69
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	16	0.69
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	7	0.69
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	10	0.69
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	17	0.69
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	1	0.69
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	1	0.69
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	12	0.69
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	12	0.69
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	13	0.69
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	13	0.69
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	19	0.69
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	19	0.69
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	2	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	2	0.69
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	15	0.69
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	3	0.69
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	5	0.69
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	14	0.69
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	14	0.69
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	3	0.69
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	16	0.69
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	16	0.69
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	2	0.69
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	3	0.69
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	11	0.69
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	11	0.69
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	3	0.69
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	12	0.69
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	20	0.69
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	17	0.69
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	19	0.69
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	1	0.69
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	6	0.69
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	2	0.69
(1,2089)	1:917:A:ILE:H	1:917:A:ILE:HB	4	0.69
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	1	0.69
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	9	0.69
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	12	0.69
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	13	0.69
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	7	0.69
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	7	0.69
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	7	0.69
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	18	0.69
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	18	0.69
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	18	0.69
(1,2054)	1:913:A:THR:HG21	1:914:A:LEU:H	20	0.69
(1,2054)	1:913:A:THR:HG22	1:914:A:LEU:H	20	0.69
(1,2054)	1:913:A:THR:HG23	1:914:A:LEU:H	20	0.69
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	13	0.69
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	13	0.69
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	9	0.69
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	14	0.69
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	1	0.69
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	1	0.69
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	20	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	20	0.69
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	4	0.69
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	18	0.69
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	20	0.69
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	20	0.69
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	12	0.69
(1,1965)	1:903:A:ASP:H	1:904:A:LEU:H	15	0.69
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	13	0.69
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	16	0.69
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	18	0.69
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	4	0.69
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	8	0.69
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	8	0.69
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	19	0.69
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	19	0.69
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	2	0.69
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	17	0.69
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	11	0.69
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	1	0.69
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	12	0.69
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	7	0.69
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	5	0.69
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	6	0.69
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	13	0.69
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	11	0.69
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	14	0.69
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	8	0.69
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	10	0.69
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	10	0.69
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	10	0.69
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	13	0.69
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	13	0.69
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	13	0.69
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	19	0.69
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	19	0.69
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	19	0.69
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	14	0.69
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	14	0.69
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	15	0.69
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	15	0.69
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	17	0.69
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	5	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	5	0.69
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	12	0.69
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	17	0.69
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	18	0.69
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	12	0.69
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	14	0.69
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	9	0.69
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	14	0.69
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	6	0.69
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	9	0.69
(1,1770)	1:884:A:MET:H	1:884:A:MET:HB3	14	0.69
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	2	0.69
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	2	0.69
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	11	0.69
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	13	0.69
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	2	0.69
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	9	0.69
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	13	0.69
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	16	0.69
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	2	0.69
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	2	0.69
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE1	13	0.69
(1,1647)	1:874:A:LEU:H	1:875:A:TYR:HE2	13	0.69
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	18	0.69
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	18	0.69
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	20	0.69
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	20	0.69
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	20	0.69
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	1	0.69
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	16	0.69
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	16	0.69
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	17	0.69
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	17	0.69
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	10	0.69
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	10	0.69
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	12	0.69
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	12	0.69
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	17	0.69
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	17	0.69
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	19	0.69
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	2	0.69
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	2	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	10	0.69
(1,1559)	1:865:A:ASP:HA	1:867:A:SER:H	11	0.69
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	13	0.69
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	13	0.69
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	10	0.69
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	10	0.69
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	10	0.69
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	19	0.69
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	19	0.69
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	18	0.69
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	10	0.69
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	20	0.69
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	13	0.69
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	8	0.69
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	6	0.69
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	6	0.69
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	8	0.69
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	8	0.69
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	15	0.69
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	15	0.69
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	2	0.69
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	10	0.69
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	19	0.69
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	2	0.69
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	13	0.69
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	6	0.69
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	13	0.69
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	12	0.69
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	13	0.69
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	6	0.69
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	1	0.69
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	6	0.69
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	19	0.69
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	8	0.69
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	8	0.69
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	11	0.69
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	16	0.69
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	3	0.69
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	3	0.69
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	15	0.69
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	7	0.69
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	9	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	15	0.69
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	7	0.69
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	7	0.69
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	18	0.69
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	18	0.69
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	14	0.69
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	20	0.69
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	1	0.69
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	5	0.69
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	7	0.69
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	8	0.69
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	1	0.69
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	12	0.69
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	13	0.69
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	16	0.69
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	8	0.69
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	2	0.69
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	2	0.69
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	1	0.69
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	4	0.69
(1,1091)	1:818:A:THR:H	1:819:A:ARG:H	3	0.69
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	4	0.69
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	1	0.69
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	15	0.69
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	3	0.69
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	3	0.69
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	14	0.69
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	14	0.69
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	9	0.69
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	1	0.69
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	10	0.69
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	12	0.69
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	17	0.69
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	15	0.69
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	11	0.69
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	11	0.69
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	11	0.69
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	14	0.69
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	8	0.69
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	8	0.69
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	11	0.69
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	11	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	11	0.69
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	12	0.69
(1,932)	1:803:A:PRO:HA	1:804:A:ASN:HD21	1	0.69
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	14	0.69
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	1	0.69
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	1	0.69
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	1	0.69
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	2	0.69
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	8	0.69
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	20	0.69
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	20	0.69
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	20	0.69
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	2	0.69
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	8	0.69
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	19	0.69
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	4	0.69
(1,717)	1:907:A:THR:HB	1:908:A:PRO:HD2	17	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	5	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	5	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	5	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	9	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	9	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	9	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	19	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	19	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	19	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	20	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	20	0.69
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	20	0.69
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	1	0.69
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	7	0.69
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	7	0.69
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	7	0.69
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	8	0.69
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	8	0.69
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	8	0.69
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	15	0.69
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	15	0.69
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	15	0.69
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	17	0.69
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	17	0.69
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	17	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	10	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	10	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	10	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	12	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	12	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	12	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	15	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	15	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	15	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	17	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	17	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	17	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	18	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	18	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	18	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	19	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	19	0.69
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	19	0.69
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	1	0.69
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	1	0.69
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	1	0.69
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	6	0.69
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	6	0.69
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	6	0.69
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	10	0.69
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	10	0.69
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	10	0.69
(1,581)	1:888:A:LEU:HB2	1:889:A:ILE:H	19	0.69
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	15	0.69
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	15	0.69
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	15	0.69
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	18	0.69
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	18	0.69
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	18	0.69
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	17	0.69
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	3	0.69
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	4	0.69
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	7	0.69
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	3	0.69
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	3	0.69
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	11	0.69
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	11	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	19	0.69
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	12	0.69
(1,239)	1:835:A:LYS:HA	1:837:A:LEU:H	16	0.69
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	12	0.69
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	10	0.69
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	5	0.69
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	5	0.69
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	5	0.69
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	8	0.69
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	5	0.69
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	5	0.69
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	6	0.69
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	6	0.69
(1,7)	1:798:A:LEU:HB2	1:798:A:LEU:HG	19	0.69
(1,7)	1:798:A:LEU:HB3	1:798:A:LEU:HG	19	0.69
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	2	0.69
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	10	0.69
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	14	0.68
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	14	0.68
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	10	0.68
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	10	0.68
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	13	0.68
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	13	0.68
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	17	0.68
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	17	0.68
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	18	0.68
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	18	0.68
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	20	0.68
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	20	0.68
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	17	0.68
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	17	0.68
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	1	0.68
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	1	0.68
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	16	0.68
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	16	0.68
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	8	0.68
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	20	0.68
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	20	0.68
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	20	0.68
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	20	0.68
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	11	0.68
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	11	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	17	0.68
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	17	0.68
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	17	0.68
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	17	0.68
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	17	0.68
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	17	0.68
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	4	0.68
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	4	0.68
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	16	0.68
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	16	0.68
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	1	0.68
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	1	0.68
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	10	0.68
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	10	0.68
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	14	0.68
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	14	0.68
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	14	0.68
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	14	0.68
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	5	0.68
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	5	0.68
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	15	0.68
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	15	0.68
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	9	0.68
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	9	0.68
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	17	0.68
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	17	0.68
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	20	0.68
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	16	0.68
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	7	0.68
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	11	0.68
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	14	0.68
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	12	0.68
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	14	0.68
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	17	0.68
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	9	0.68
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	18	0.68
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	18	0.68
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	18	0.68
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	1	0.68
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	8	0.68
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	3	0.68
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	7	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	8	0.68
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	4	0.68
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	4	0.68
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	9	0.68
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	9	0.68
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	14	0.68
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	9	0.68
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	19	0.68
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	9	0.68
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	5	0.68
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	17	0.68
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE1	16	0.68
(1,2647)	1:875:A:TYR:H	1:875:A:TYR:HE2	16	0.68
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	1	0.68
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	4	0.68
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	19	0.68
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	6	0.68
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	8	0.68
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	8	0.68
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	8	0.68
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	8	0.68
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	17	0.68
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	1	0.68
(1,2563)	1:811:A:GLN:H	1:812:A:ILE:HG13	16	0.68
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	1	0.68
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	6	0.68
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	5	0.68
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	11	0.68
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	16	0.68
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	15	0.68
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	7	0.68
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	15	0.68
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	1	0.68
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	1	0.68
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	7	0.68
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	7	0.68
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	10	0.68
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	10	0.68
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE1	12	0.68
(1,2410)	1:834:A:PRO:HA	1:875:A:TYR:HE2	12	0.68
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	3	0.68
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	3	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	3	0.68
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	3	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	1	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	1	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	2	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	2	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	6	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	6	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	8	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	8	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	9	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	9	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	16	0.68
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	16	0.68
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	6	0.68
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	6	0.68
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	6	0.68
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	6	0.68
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	15	0.68
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	15	0.68
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	15	0.68
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	15	0.68
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	10	0.68
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	10	0.68
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	17	0.68
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	17	0.68
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	6	0.68
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	15	0.68
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	18	0.68
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	20	0.68
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	2	0.68
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	6	0.68
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	3	0.68
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	3	0.68
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	1	0.68
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	11	0.68
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	15	0.68
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	5	0.68
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	5	0.68
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	12	0.68
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	12	0.68
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	8	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	12	0.68
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	19	0.68
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	20	0.68
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	17	0.68
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	8	0.68
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	8	0.68
(1,2139)	1:901:A:PHE:HE2	1:920:A:LEU:H	17	0.68
(1,2139)	1:901:A:PHE:HE1	1:920:A:LEU:H	17	0.68
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	18	0.68
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	6	0.68
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	10	0.68
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	10	0.68
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	19	0.68
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	13	0.68
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	15	0.68
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	14	0.68
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	14	0.68
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	8	0.68
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	8	0.68
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	10	0.68
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	14	0.68
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	15	0.68
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	4	0.68
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	9	0.68
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	17	0.68
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	6	0.68
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	13	0.68
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	13	0.68
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	2	0.68
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	6	0.68
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	14	0.68
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	2	0.68
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	9	0.68
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	4	0.68
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	13	0.68
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	4	0.68
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	4	0.68
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	5	0.68
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	5	0.68
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	6	0.68
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	7	0.68
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	12	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	3	0.68
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	20	0.68
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	4	0.68
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	4	0.68
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	19	0.68
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	5	0.68
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	1	0.68
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	16	0.68
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	4	0.68
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	11	0.68
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	12	0.68
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	15	0.68
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	10	0.68
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	7	0.68
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	6	0.68
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	6	0.68
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	6	0.68
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD21	7	0.68
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD22	7	0.68
(1,1820)	1:888:A:LEU:H	1:888:A:LEU:HD23	7	0.68
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	1	0.68
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	8	0.68
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	10	0.68
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	2	0.68
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	15	0.68
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	16	0.68
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	18	0.68
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	17	0.68
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	19	0.68
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	2	0.68
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	14	0.68
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	3	0.68
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	3	0.68
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	5	0.68
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	5	0.68
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	14	0.68
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	14	0.68
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	6	0.68
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	13	0.68
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	2	0.68
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	2	0.68
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	7	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	7	0.68
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	13	0.68
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	13	0.68
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	19	0.68
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	19	0.68
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	13	0.68
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	20	0.68
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	20	0.68
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	8	0.68
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	11	0.68
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	17	0.68
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	2	0.68
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	4	0.68
(1,1430)	1:855:A:GLN:H	1:855:A:GLN:HB2	5	0.68
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	13	0.68
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	2	0.68
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	2	0.68
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	4	0.68
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	10	0.68
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	18	0.68
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	12	0.68
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	13	0.68
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	1	0.68
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	1	0.68
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	16	0.68
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	16	0.68
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	6	0.68
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	6	0.68
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	18	0.68
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	19	0.68
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	20	0.68
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	14	0.68
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	2	0.68
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	17	0.68
(1,1230)	1:829:A:LEU:HA	1:832:A:THR:H	10	0.68
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	9	0.68
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	15	0.68
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	20	0.68
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	3	0.68
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	16	0.68
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	9	0.68
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	19	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	2	0.68
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	8	0.68
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	5	0.68
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	19	0.68
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	4	0.68
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	6	0.68
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	20	0.68
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	2	0.68
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	2	0.68
(1,1126)	1:821:A:ASP:HA	1:822:A:LYS:H	7	0.68
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	10	0.68
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	14	0.68
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	12	0.68
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	19	0.68
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	5	0.68
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	5	0.68
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	15	0.68
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	15	0.68
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	16	0.68
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	16	0.68
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	17	0.68
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	17	0.68
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	20	0.68
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	20	0.68
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	14	0.68
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	3	0.68
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	9	0.68
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	12	0.68
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	3	0.68
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	3	0.68
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	3	0.68
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	8	0.68
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	8	0.68
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	8	0.68
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	20	0.68
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	20	0.68
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	20	0.68
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	6	0.68
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	20	0.68
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	7	0.68
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	7	0.68
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	5	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	14	0.68
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	3	0.68
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	20	0.68
(1,900)	1:799:A:PRO:HG3	1:800:A:ILE:H	15	0.68
(1,900)	1:799:A:PRO:HG2	1:800:A:ILE:H	15	0.68
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	12	0.68
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	17	0.68
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	1	0.68
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	1	0.68
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	10	0.68
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	18	0.68
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	13	0.68
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	13	0.68
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	1	0.68
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	2	0.68
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	17	0.68
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	6	0.68
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG21	14	0.68
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG22	14	0.68
(1,711)	1:905:A:SER:HA	1:917:A:ILE:HG23	14	0.68
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	19	0.68
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	1	0.68
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	20	0.68
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	4	0.68
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	4	0.68
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	20	0.68
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	8	0.68
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	8	0.68
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	11	0.68
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	11	0.68
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	15	0.68
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	15	0.68
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	18	0.68
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	18	0.68
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	6	0.68
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	6	0.68
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	6	0.68
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	10	0.68
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	10	0.68
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	10	0.68
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	12	0.68
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	12	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	12	0.68
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	13	0.68
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	13	0.68
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	13	0.68
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	16	0.68
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	16	0.68
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	16	0.68
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD11	7	0.68
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD12	7	0.68
(1,587)	1:888:A:LEU:HB3	1:888:A:LEU:HD13	7	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	2	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	2	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	2	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	3	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	3	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	3	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	5	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	5	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	5	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	8	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	8	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	8	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	11	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	11	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	11	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	12	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	12	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	12	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	16	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	16	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	16	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	17	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	17	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	17	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	20	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	20	0.68
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	20	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	1	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	1	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	1	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	2	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	2	0.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	2	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	4	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	4	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	4	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	13	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	13	0.68
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	13	0.68
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	19	0.68
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	3	0.68
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	2	0.68
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	3	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	7	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	7	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	7	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	11	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	11	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	11	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	16	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	16	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	16	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	18	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	18	0.68
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	18	0.68
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	7	0.68
(1,51)	1:809:A:PHE:HA	1:812:A:ILE:HB	4	0.68
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	17	0.68
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	17	0.68
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	9	0.68
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	1	0.68
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	1	0.68
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	6	0.68
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	6	0.68
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	13	0.68
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	13	0.67
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	13	0.67
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	4	0.67
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	4	0.67
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	17	0.67
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	17	0.67
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	13	0.67
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	13	0.67
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	1	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	1	0.67
(1,3331)	1:895:A:GLU:HB2	1:899:A:GLN:HE22	19	0.67
(1,3331)	1:895:A:GLU:HB3	1:899:A:GLN:HE22	19	0.67
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	13	0.67
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	13	0.67
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	14	0.67
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	14	0.67
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	18	0.67
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	18	0.67
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	4	0.67
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	4	0.67
(1,3240)	1:861:A:LEU:CG	1:864:A:LYS:HB2	17	0.67
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	5	0.67
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	5	0.67
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	14	0.67
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	14	0.67
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	18	0.67
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	13	0.67
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	13	0.67
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	17	0.67
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	17	0.67
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG2	16	0.67
(1,3049)	1:804:A:ASN:HD21	1:808:A:GLU:HG3	16	0.67
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	2	0.67
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	2	0.67
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	15	0.67
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	15	0.67
(1,2975)	1:881:A:ARG:HG2	1:881:A:ARG:HE	3	0.67
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	6	0.67
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	7	0.67
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	14	0.67
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	14	0.67
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	14	0.67
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	14	0.67
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	15	0.67
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	15	0.67
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	15	0.67
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	9	0.67
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	9	0.67
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	10	0.67
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	19	0.67
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	6	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	15	0.67
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	14	0.67
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	6	0.67
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	7	0.67
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	7	0.67
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	7	0.67
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	7	0.67
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	6	0.67
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD1	12	0.67
(1,2644)	1:850:A:PHE:H	1:850:A:PHE:HD2	12	0.67
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	15	0.67
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	15	0.67
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	5	0.67
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	7	0.67
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	7	0.67
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	7	0.67
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	7	0.67
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	7	0.67
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	7	0.67
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	16	0.67
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	8	0.67
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	5	0.67
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	5	0.67
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	5	0.67
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	5	0.67
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	4	0.67
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	9	0.67
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	8	0.67
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	12	0.67
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	7	0.67
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	7	0.67
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	16	0.67
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	2	0.67
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	16	0.67
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	16	0.67
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	6	0.67
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	5	0.67
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	11	0.67
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	11	0.67
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	13	0.67
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	13	0.67
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	4	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	4	0.67
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	5	0.67
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	5	0.67
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	14	0.67
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	14	0.67
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	17	0.67
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	17	0.67
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	19	0.67
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	19	0.67
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	20	0.67
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	20	0.67
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	14	0.67
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	14	0.67
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	14	0.67
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	14	0.67
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	16	0.67
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	16	0.67
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	16	0.67
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	16	0.67
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	16	0.67
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	16	0.67
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	13	0.67
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	13	0.67
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	15	0.67
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	15	0.67
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	15	0.67
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	15	0.67
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	1	0.67
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	1	0.67
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	12	0.67
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	12	0.67
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	19	0.67
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	16	0.67
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	16	0.67
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	17	0.67
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	17	0.67
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	4	0.67
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	7	0.67
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	13	0.67
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	2	0.67
(1,2190)	1:922:A:ARG:HD3	1:923:A:GLN:H	7	0.67
(1,2190)	1:922:A:ARG:HD2	1:923:A:GLN:H	7	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	9	0.67
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	14	0.67
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD3	8	0.67
(1,2173)	1:922:A:ARG:H	1:922:A:ARG:HD2	8	0.67
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	6	0.67
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	10	0.67
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	11	0.67
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	14	0.67
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	13	0.67
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	14	0.67
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	20	0.67
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	6	0.67
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	13	0.67
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	20	0.67
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	2	0.67
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	20	0.67
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	10	0.67
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	3	0.67
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	19	0.67
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	7	0.67
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	7	0.67
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	13	0.67
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	13	0.67
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	15	0.67
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	15	0.67
(1,2079)	1:870:A:TYR:HE2	1:916:A:ASP:H	18	0.67
(1,2079)	1:870:A:TYR:HE1	1:916:A:ASP:H	18	0.67
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	6	0.67
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	10	0.67
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	10	0.67
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	13	0.67
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	6	0.67
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	20	0.67
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	20	0.67
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	8	0.67
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	4	0.67
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	5	0.67
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	16	0.67
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	16	0.67
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	13	0.67
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	13	0.67
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	3	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	3	0.67
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	11	0.67
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	11	0.67
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	8	0.67
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	18	0.67
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	9	0.67
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	12	0.67
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	2	0.67
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	6	0.67
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	12	0.67
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	12	0.67
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	15	0.67
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	1	0.67
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	17	0.67
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	2	0.67
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	3	0.67
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	3	0.67
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	16	0.67
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	16	0.67
(1,1817)	1:888:A:LEU:H	1:888:A:LEU:HB3	13	0.67
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	3	0.67
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	8	0.67
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	10	0.67
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	16	0.67
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	7	0.67
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	15	0.67
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	4	0.67
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	9	0.67
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	3	0.67
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	3	0.67
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	9	0.67
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	9	0.67
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG3	10	0.67
(1,1730)	1:880:A:GLU:H	1:880:A:GLU:HG2	10	0.67
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	15	0.67
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	17	0.67
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	3	0.67
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	19	0.67
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	2	0.67
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	2	0.67
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	4	0.67
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	4	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	18	0.67
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	6	0.67
(1,1582)	1:869:A:VAL:H	1:870:A:TYR:H	13	0.67
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	12	0.67
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	15	0.67
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	13	0.67
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	13	0.67
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	9	0.67
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	4	0.67
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	17	0.67
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	13	0.67
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	13	0.67
(1,1499)	1:860:A:ASN:HB2	1:860:A:ASN:HD22	11	0.67
(1,1499)	1:860:A:ASN:HB3	1:860:A:ASN:HD22	11	0.67
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	15	0.67
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	15	0.67
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	1	0.67
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	2	0.67
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	5	0.67
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	14	0.67
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	14	0.67
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	3	0.67
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	6	0.67
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	12	0.67
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	19	0.67
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	16	0.67
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	16	0.67
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	16	0.67
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	19	0.67
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	1	0.67
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	2	0.67
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	18	0.67
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	19	0.67
(1,1344)	1:847:A:GLY:H	1:848:A:ASP:H	1	0.67
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	20	0.67
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	11	0.67
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	2	0.67
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	2	0.67
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	11	0.67
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	4	0.67
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	11	0.67
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	12	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	7	0.67
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	7	0.67
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	15	0.67
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	3	0.67
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	15	0.67
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	12	0.67
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	15	0.67
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	17	0.67
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	7	0.67
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	10	0.67
(1,1166)	1:826:A:ALA:H	1:827:A:HIS:H	7	0.67
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	9	0.67
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	17	0.67
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	17	0.67
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	2	0.67
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	2	0.67
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	20	0.67
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	12	0.67
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	7	0.67
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	7	0.67
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	11	0.67
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	7	0.67
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	7	0.67
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	11	0.67
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	11	0.67
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	13	0.67
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	13	0.67
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	10	0.67
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	10	0.67
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	3	0.67
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	8	0.67
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	19	0.67
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	13	0.67
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	18	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	5	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	5	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	5	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	6	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	6	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	6	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	7	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	7	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	7	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	10	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	10	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	10	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD11	15	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD12	15	0.67
(1,1012)	1:812:A:ILE:H	1:812:A:ILE:HD13	15	0.67
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	10	0.67
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	19	0.67
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	20	0.67
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	11	0.67
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	11	0.67
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	13	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	3	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	3	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	4	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	4	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	5	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	5	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	9	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	9	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	13	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	13	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	15	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	15	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	20	0.67
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	20	0.67
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	6	0.67
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	6	0.67
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	1	0.67
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	1	0.67
(1,963)	1:805:A:ASN:HD22	1:807:A:TYR:H	16	0.67
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	6	0.67
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	8	0.67
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	17	0.67
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	7	0.67
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	7	0.67
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	9	0.67
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	9	0.67
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	15	0.67
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	15	0.67
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	3	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	4	0.67
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	9	0.67
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	9	0.67
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	8	0.67
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	13	0.67
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	13	0.67
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	13	0.67
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	6	0.67
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	12	0.67
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	14	0.67
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	11	0.67
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	14	0.67
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	15	0.67
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	15	0.67
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	14	0.67
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	18	0.67
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	18	0.67
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	5	0.67
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	5	0.67
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	10	0.67
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	10	0.67
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	13	0.67
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	13	0.67
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	19	0.67
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	19	0.67
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	2	0.67
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	2	0.67
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	2	0.67
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	5	0.67
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	5	0.67
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	5	0.67
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	19	0.67
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	19	0.67
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	19	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	4	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	4	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	4	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	9	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	9	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	9	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	13	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	13	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	13	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	14	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	14	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	14	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	18	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	18	0.67
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	18	0.67
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	6	0.67
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	14	0.67
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	16	0.67
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	8	0.67
(1,374)	1:861:A:LEU:HA	1:861:A:LEU:HG	16	0.67
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	16	0.67
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	16	0.67
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	10	0.67
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	20	0.67
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	8	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	1	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	1	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	1	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	3	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	3	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	3	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	4	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	4	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	4	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	10	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	10	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	10	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	13	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	13	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	13	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	17	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	17	0.67
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	17	0.67
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	16	0.67
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	7	0.67
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	7	0.67
(1,19)	1:800:A:ILE:HG12	1:801:A:ALA:H	1	0.67
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	16	0.67
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	16	0.67
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	11	0.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	11	0.67
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	18	0.67
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	18	0.67
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	4	0.66
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	4	0.66
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	16	0.66
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	16	0.66
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	7	0.66
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	7	0.66
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	10	0.66
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	10	0.66
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	12	0.66
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	12	0.66
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	11	0.66
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	11	0.66
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	13	0.66
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	13	0.66
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	17	0.66
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	17	0.66
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	8	0.66
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	8	0.66
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	12	0.66
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	12	0.66
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	17	0.66
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	17	0.66
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	18	0.66
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	18	0.66
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	19	0.66
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	19	0.66
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	11	0.66
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	11	0.66
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	1	0.66
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	1	0.66
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG2	15	0.66
(1,3246)	1:863:A:GLU:H	1:863:A:GLU:HG3	15	0.66
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	3	0.66
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	19	0.66
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	19	0.66
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	19	0.66
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	9	0.66
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	9	0.66
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	8	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	8	0.66
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	4	0.66
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	4	0.66
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	11	0.66
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	11	0.66
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	11	0.66
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	11	0.66
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	15	0.66
(1,3092)	1:822:A:LYS:HG2	1:823:A:GLU:H	2	0.66
(1,3092)	1:822:A:LYS:HG3	1:823:A:GLU:H	2	0.66
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	12	0.66
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	12	0.66
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	14	0.66
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	14	0.66
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	17	0.66
(1,3073)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	17	0.66
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	6	0.66
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	6	0.66
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	6	0.66
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	6	0.66
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	4	0.66
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	4	0.66
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	9	0.66
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	9	0.66
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	13	0.66
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	13	0.66
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	14	0.66
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	14	0.66
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	20	0.66
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	20	0.66
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	12	0.66
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	8	0.66
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	9	0.66
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	11	0.66
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	13	0.66
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	8	0.66
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	10	0.66
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	5	0.66
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	11	0.66
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	15	0.66
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	17	0.66
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	18	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	1	0.66
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	1	0.66
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	1	0.66
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	2	0.66
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	2	0.66
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	2	0.66
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	7	0.66
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	7	0.66
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	7	0.66
(1,2790)	1:825:A:CYS:HA	1:828:A:LEU:HB3	1	0.66
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	17	0.66
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	7	0.66
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	8	0.66
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	6	0.66
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	16	0.66
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	16	0.66
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	16	0.66
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	16	0.66
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	16	0.66
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	16	0.66
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	10	0.66
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	10	0.66
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	10	0.66
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	10	0.66
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	17	0.66
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	17	0.66
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	17	0.66
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	17	0.66
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	18	0.66
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	19	0.66
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	12	0.66
(1,2531)	1:876:A:LEU:HG	1:879:A:ALA:H	13	0.66
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	10	0.66
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	17	0.66
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	4	0.66
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	4	0.66
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	18	0.66
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	18	0.66
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	4	0.66
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	12	0.66
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	8	0.66
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	8	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	10	0.66
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	10	0.66
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD1	15	0.66
(1,2382)	1:875:A:TYR:HA	1:875:A:TYR:HD2	15	0.66
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	18	0.66
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	18	0.66
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	15	0.66
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	15	0.66
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	15	0.66
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	15	0.66
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	13	0.66
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	13	0.66
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	13	0.66
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	13	0.66
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	13	0.66
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	13	0.66
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD1	17	0.66
(1,2316)	1:904:A:LEU:HD21	1:912:A:PHE:HD2	17	0.66
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD1	17	0.66
(1,2316)	1:904:A:LEU:HD22	1:912:A:PHE:HD2	17	0.66
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD1	17	0.66
(1,2316)	1:904:A:LEU:HD23	1:912:A:PHE:HD2	17	0.66
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	11	0.66
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	11	0.66
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	3	0.66
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	3	0.66
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	4	0.66
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	4	0.66
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	2	0.66
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	2	0.66
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	14	0.66
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	14	0.66
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	6	0.66
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	6	0.66
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	8	0.66
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	8	0.66
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	14	0.66
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	14	0.66
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	5	0.66
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	6	0.66
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	8	0.66
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	5	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	17	0.66
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	1	0.66
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	17	0.66
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	19	0.66
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	19	0.66
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	5	0.66
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	1	0.66
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	16	0.66
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	8	0.66
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	10	0.66
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	17	0.66
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	16	0.66
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	6	0.66
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	6	0.66
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	20	0.66
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	20	0.66
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	7	0.66
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	18	0.66
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	3	0.66
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	20	0.66
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	5	0.66
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	14	0.66
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	9	0.66
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	9	0.66
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	11	0.66
(1,1987)	1:902:A:GLU:HB2	1:905:A:SER:H	13	0.66
(1,1987)	1:902:A:GLU:HB3	1:905:A:SER:H	13	0.66
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	2	0.66
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	4	0.66
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	14	0.66
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	14	0.66
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	15	0.66
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	15	0.66
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	6	0.66
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	12	0.66
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	15	0.66
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	16	0.66
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	3	0.66
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	3	0.66
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	20	0.66
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	20	0.66
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	5	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1905)	1:897:A:ILE:H	1:898:A:GLU:H	17	0.66
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	4	0.66
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	16	0.66
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	2	0.66
(1,1854)	1:893:A:GLN:H	1:893:A:GLN:HE21	11	0.66
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	3	0.66
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	3	0.66
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	8	0.66
(1,1793)	1:886:A:LEU:H	1:886:A:LEU:HG	6	0.66
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	19	0.66
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	6	0.66
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	14	0.66
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	5	0.66
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	6	0.66
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	13	0.66
(1,1749)	1:882:A:PHE:H	1:883:A:LYS:HB2	5	0.66
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	12	0.66
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	12	0.66
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	16	0.66
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	14	0.66
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	2	0.66
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	19	0.66
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	11	0.66
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	12	0.66
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	19	0.66
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	14	0.66
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	6	0.66
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	6	0.66
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	13	0.66
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	3	0.66
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	3	0.66
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	6	0.66
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	6	0.66
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	10	0.66
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	10	0.66
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	10	0.66
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	11	0.66
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	9	0.66
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	18	0.66
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	18	0.66
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	6	0.66
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	17	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	6	0.66
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	6	0.66
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	6	0.66
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	2	0.66
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	6	0.66
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	18	0.66
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	13	0.66
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	9	0.66
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	12	0.66
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	15	0.66
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	15	0.66
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	2	0.66
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	8	0.66
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	13	0.66
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	18	0.66
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	16	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	1	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	1	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	1	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	4	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	4	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	4	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	15	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	15	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	15	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	20	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	20	0.66
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	20	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	4	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	4	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	4	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	5	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	5	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	5	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	10	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	10	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	10	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	19	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	19	0.66
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	19	0.66
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	15	0.66
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	7	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	19	0.66
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	16	0.66
(1,1334)	1:846:A:GLU:HG2	1:847:A:GLY:H	8	0.66
(1,1334)	1:846:A:GLU:HG3	1:847:A:GLY:H	8	0.66
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	17	0.66
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	18	0.66
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	20	0.66
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	16	0.66
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	13	0.66
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	13	0.66
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	17	0.66
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	17	0.66
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	3	0.66
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	4	0.66
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	14	0.66
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	6	0.66
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	12	0.66
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	8	0.66
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	6	0.66
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	3	0.66
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	5	0.66
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	11	0.66
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	17	0.66
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	18	0.66
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	4	0.66
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	4	0.66
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	10	0.66
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	10	0.66
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	12	0.66
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	12	0.66
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	7	0.66
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	4	0.66
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	16	0.66
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	8	0.66
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	15	0.66
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	3	0.66
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	11	0.66
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	19	0.66
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	18	0.66
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	4	0.66
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	4	0.66
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	18	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	3	0.66
(1,1030)	1:814:A:ASN:H	1:814:A:ASN:HB2	19	0.66
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	19	0.66
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	4	0.66
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	2	0.66
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	2	0.66
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	15	0.66
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	19	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	1	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	1	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	2	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	2	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	7	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	7	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	8	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	8	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	10	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	10	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	11	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	11	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	16	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	16	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	17	0.66
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	17	0.66
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	3	0.66
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	3	0.66
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	8	0.66
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	8	0.66
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	19	0.66
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	19	0.66
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	20	0.66
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	20	0.66
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	14	0.66
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	14	0.66
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	9	0.66
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	1	0.66
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	6	0.66
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	18	0.66
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	1	0.66
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	1	0.66
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	1	0.66
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD13	18	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD11	18	0.66
(1,895)	1:800:A:ILE:H	1:800:A:ILE:HD12	18	0.66
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	1	0.66
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	6	0.66
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	20	0.66
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	8	0.66
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	16	0.66
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	6	0.66
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	6	0.66
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	6	0.66
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	7	0.66
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG2	4	0.66
(1,607)	1:891:A:LYS:HA	1:891:A:LYS:HG3	4	0.66
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	1	0.66
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	1	0.66
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	1	0.66
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	3	0.66
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	3	0.66
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	3	0.66
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	4	0.66
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	4	0.66
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	4	0.66
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	11	0.66
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	11	0.66
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	11	0.66
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	18	0.66
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	18	0.66
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	18	0.66
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	20	0.66
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	20	0.66
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	20	0.66
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD11	15	0.66
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD12	15	0.66
(1,584)	1:888:A:LEU:HA	1:888:A:LEU:HD13	15	0.66
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	1	0.66
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	1	0.66
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	1	0.66
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	11	0.66
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	11	0.66
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	11	0.66
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	3	0.66
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	3	0.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	3	0.66
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	7	0.66
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	7	0.66
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	7	0.66
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	8	0.66
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	8	0.66
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	8	0.66
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	17	0.66
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	17	0.66
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	17	0.66
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	5	0.66
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	3	0.66
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	5	0.66
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	5	0.66
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	13	0.66
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	13	0.66
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	17	0.66
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	11	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	9	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	9	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	9	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	14	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	14	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	14	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	15	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	15	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	15	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	19	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	19	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	19	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	20	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	20	0.66
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	20	0.66
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	19	0.66
(1,19)	1:800:A:ILE:HG12	1:801:A:ALA:H	18	0.66
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	1	0.65
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	1	0.65
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	20	0.65
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	20	0.65
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	7	0.65
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	7	0.65
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	14	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	14	0.65
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	2	0.65
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	2	0.65
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	1	0.65
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	1	0.65
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	8	0.65
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	8	0.65
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	6	0.65
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	6	0.65
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB2	16	0.65
(1,3347)	1:905:A:SER:H	1:905:A:SER:HB3	16	0.65
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	8	0.65
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	8	0.65
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	17	0.65
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	17	0.65
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	16	0.65
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	16	0.65
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	14	0.65
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	14	0.65
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	14	0.65
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	18	0.65
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	18	0.65
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	18	0.65
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	18	0.65
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	13	0.65
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	1	0.65
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	13	0.65
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	3	0.65
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	3	0.65
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	20	0.65
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	20	0.65
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	4	0.65
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	4	0.65
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	10	0.65
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	10	0.65
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	3	0.65
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	3	0.65
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	11	0.65
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	11	0.65
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	12	0.65
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	12	0.65
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	14	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	1	0.65
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	1	0.65
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	5	0.65
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	6	0.65
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	9	0.65
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	18	0.65
(1,2937)	1:877:A:SER:HA	1:923:A:GLN:HB2	9	0.65
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	6	0.65
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	7	0.65
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	7	0.65
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	7	0.65
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	11	0.65
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	11	0.65
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	11	0.65
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	17	0.65
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	17	0.65
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	17	0.65
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	7	0.65
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	7	0.65
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	7	0.65
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	7	0.65
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	7	0.65
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	7	0.65
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	4	0.65
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	4	0.65
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	4	0.65
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	10	0.65
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	10	0.65
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	10	0.65
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	11	0.65
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	11	0.65
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	11	0.65
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	18	0.65
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	18	0.65
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	18	0.65
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	19	0.65
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	19	0.65
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	19	0.65
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	2	0.65
(1,2741)	1:862:A:ILE:HA	1:862:A:ILE:HG12	5	0.65
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	5	0.65
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	15	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	12	0.65
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	6	0.65
(1,2680)	1:917:A:ILE:HG12	1:918:A:GLN:H	7	0.65
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	2	0.65
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	2	0.65
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	8	0.65
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	8	0.65
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	9	0.65
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	11	0.65
(1,2576)	1:870:A:TYR:HD1	1:917:A:ILE:HG12	4	0.65
(1,2576)	1:870:A:TYR:HD2	1:917:A:ILE:HG12	4	0.65
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	7	0.65
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	3	0.65
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	9	0.65
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	4	0.65
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	19	0.65
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	19	0.65
(1,2499)	1:917:A:ILE:H	1:918:A:GLN:HB2	4	0.65
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	19	0.65
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	12	0.65
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	12	0.65
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	6	0.65
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	6	0.65
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	8	0.65
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	8	0.65
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	17	0.65
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	17	0.65
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE1	7	0.65
(1,2458)	1:871:A:GLN:HA	1:875:A:TYR:HE2	7	0.65
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	2	0.65
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	2	0.65
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	9	0.65
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	9	0.65
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	4	0.65
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	20	0.65
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	9	0.65
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	9	0.65
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	16	0.65
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	16	0.65
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	19	0.65
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	19	0.65
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	2	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	2	0.65
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	1	0.65
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	1	0.65
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD1	7	0.65
(1,2347)	1:807:A:TYR:HA	1:807:A:TYR:HD2	7	0.65
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	6	0.65
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	6	0.65
(1,2340)	1:875:A:TYR:HE1	1:878:A:LYS:HE2	4	0.65
(1,2340)	1:875:A:TYR:HE2	1:878:A:LYS:HE2	4	0.65
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	6	0.65
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	6	0.65
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	9	0.65
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	9	0.65
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD1	6	0.65
(1,2307)	1:809:A:PHE:HE2	1:840:A:PHE:HD2	6	0.65
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD1	6	0.65
(1,2307)	1:809:A:PHE:HE1	1:840:A:PHE:HD2	6	0.65
(1,2277)	1:870:A:TYR:HE2	1:917:A:ILE:HG13	12	0.65
(1,2277)	1:870:A:TYR:HE1	1:917:A:ILE:HG13	12	0.65
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	12	0.65
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	12	0.65
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	13	0.65
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	13	0.65
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	17	0.65
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	17	0.65
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	1	0.65
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	1	0.65
(1,2257)	1:829:A:LEU:HB3	1:872:A:HIS:HD2	3	0.65
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	9	0.65
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	8	0.65
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	15	0.65
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	15	0.65
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	14	0.65
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	4	0.65
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	11	0.65
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	3	0.65
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	7	0.65
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	19	0.65
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	20	0.65
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	10	0.65
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	17	0.65
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	13	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	19	0.65
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	8	0.65
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	14	0.65
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	17	0.65
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	19	0.65
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	1	0.65
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	10	0.65
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	6	0.65
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	9	0.65
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	12	0.65
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	12	0.65
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	11	0.65
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	14	0.65
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	8	0.65
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	7	0.65
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	8	0.65
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	16	0.65
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	11	0.65
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	5	0.65
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	5	0.65
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	1	0.65
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	10	0.65
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	11	0.65
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	3	0.65
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	3	0.65
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	6	0.65
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	6	0.65
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	6	0.65
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	5	0.65
(1,1995)	1:902:A:GLU:HA	1:905:A:SER:H	16	0.65
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	6	0.65
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	10	0.65
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	1	0.65
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	1	0.65
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	4	0.65
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	11	0.65
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	17	0.65
(1,1932)	1:858:A:LYS:HE2	1:900:A:LEU:H	11	0.65
(1,1932)	1:858:A:LYS:HE3	1:900:A:LEU:H	11	0.65
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	2	0.65
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	2	0.65
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	13	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	13	0.65
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	17	0.65
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	17	0.65
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	15	0.65
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	4	0.65
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	14	0.65
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	3	0.65
(1,1894)	1:896:A:LEU:H	1:896:A:LEU:HG	2	0.65
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	1	0.65
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	3	0.65
(1,1857)	1:892:A:GLY:H	1:893:A:GLN:H	14	0.65
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	1	0.65
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	18	0.65
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	18	0.65
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	20	0.65
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	14	0.65
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	10	0.65
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	18	0.65
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	10	0.65
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	16	0.65
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	5	0.65
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	7	0.65
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	11	0.65
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	3	0.65
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	3	0.65
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	2	0.65
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	8	0.65
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	12	0.65
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	6	0.65
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	1	0.65
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	14	0.65
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	18	0.65
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	20	0.65
(1,1697)	1:876:A:LEU:H	1:878:A:LYS:H	9	0.65
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	5	0.65
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	10	0.65
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	1	0.65
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	17	0.65
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	13	0.65
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	13	0.65
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	8	0.65
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	9	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	18	0.65
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	10	0.65
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	8	0.65
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	8	0.65
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	19	0.65
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	19	0.65
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD1	20	0.65
(1,1618)	1:872:A:HIS:H	1:875:A:TYR:HD2	20	0.65
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	4	0.65
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	4	0.65
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	1	0.65
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	1	0.65
(1,1600)	1:871:A:GLN:HB2	1:871:A:GLN:HE22	6	0.65
(1,1600)	1:871:A:GLN:HB3	1:871:A:GLN:HE22	6	0.65
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	20	0.65
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	7	0.65
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	17	0.65
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	19	0.65
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	4	0.65
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	4	0.65
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD3	7	0.65
(1,1522)	1:863:A:GLU:H	1:864:A:LYS:HD2	7	0.65
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB2	3	0.65
(1,1520)	1:863:A:GLU:H	1:863:A:GLU:HB3	3	0.65
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	13	0.65
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	13	0.65
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	4	0.65
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	7	0.65
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	7	0.65
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	18	0.65
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	17	0.65
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	5	0.65
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	14	0.65
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	16	0.65
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	2	0.65
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	15	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	2	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	2	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	2	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	3	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	3	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	3	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	5	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	5	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	5	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	6	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	6	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	6	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	7	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	7	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	7	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	8	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	8	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	8	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	9	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	9	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	9	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	10	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	10	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	10	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	11	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	11	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	11	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	12	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	12	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	12	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	13	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	13	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	13	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	14	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	14	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	14	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	17	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	17	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	17	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	18	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	18	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	18	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	19	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	19	0.65
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	19	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	1	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	1	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	1	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	3	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	3	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	3	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	6	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	6	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	6	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	7	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	7	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	7	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	8	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	8	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	8	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	11	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	11	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	11	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	13	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	13	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	13	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	14	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	14	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	14	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	18	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	18	0.65
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	18	0.65
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	1	0.65
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	3	0.65
(1,1386)	1:851:A:LEU:H	1:852:A:LEU:H	13	0.65
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	9	0.65
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	18	0.65
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	14	0.65
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	7	0.65
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	9	0.65
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	9	0.65
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	13	0.65
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	19	0.65
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	4	0.65
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	13	0.65
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	13	0.65
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	7	0.65
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	19	0.65
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	4	0.65
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	5	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1209)	1:829:A:LEU:HB3	1:830:A:ALA:H	13	0.65
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	13	0.65
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	12	0.65
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	18	0.65
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	2	0.65
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	9	0.65
(1,1167)	1:825:A:CYS:H	1:826:A:ALA:H	15	0.65
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	11	0.65
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	11	0.65
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	14	0.65
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	14	0.65
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	19	0.65
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	19	0.65
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	4	0.65
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	18	0.65
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	3	0.65
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	17	0.65
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	9	0.65
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	9	0.65
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	13	0.65
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	4	0.65
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	10	0.65
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	6	0.65
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	19	0.65
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	12	0.65
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	1	0.65
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	1	0.65
(1,1055)	1:814:A:ASN:HB3	1:815:A:ALA:H	8	0.65
(1,1055)	1:814:A:ASN:HB2	1:815:A:ALA:H	8	0.65
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	7	0.65
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	7	0.65
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	18	0.65
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	18	0.65
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	4	0.65
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	6	0.65
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	19	0.65
(1,1018)	1:812:A:ILE:H	1:813:A:ILE:H	7	0.65
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	11	0.65
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	4	0.65
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	7	0.65
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	9	0.65
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	20	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	20	0.65
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	7	0.65
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	10	0.65
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	12	0.65
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	12	0.65
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD1	18	0.65
(1,996)	1:810:A:GLY:H	1:840:A:PHE:HD2	18	0.65
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	4	0.65
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	15	0.65
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	3	0.65
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	3	0.65
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	4	0.65
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	4	0.65
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	6	0.65
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	9	0.65
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	9	0.65
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	9	0.65
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	1	0.65
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	1	0.65
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	1	0.65
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	1	0.65
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	1	0.65
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	1	0.65
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	16	0.65
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	16	0.65
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	16	0.65
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	16	0.65
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	16	0.65
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	16	0.65
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	20	0.65
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	20	0.65
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	20	0.65
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	20	0.65
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	20	0.65
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	20	0.65
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	4	0.65
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	4	0.65
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	4	0.65
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	4	0.65
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	4	0.65
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	4	0.65
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	19	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	19	0.65
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	19	0.65
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	19	0.65
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	19	0.65
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	19	0.65
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	6	0.65
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	6	0.65
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	2	0.65
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	7	0.65
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	7	0.65
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	1	0.65
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	5	0.65
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	7	0.65
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	18	0.65
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	16	0.65
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	16	0.65
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	16	0.65
(1,631)	1:895:A:GLU:HA	1:895:A:GLU:HG2	3	0.65
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	9	0.65
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	9	0.65
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	9	0.65
(1,601)	1:889:A:ILE:HD12	1:894:A:LYS:HA	14	0.65
(1,601)	1:889:A:ILE:HD13	1:894:A:LYS:HA	14	0.65
(1,601)	1:889:A:ILE:HD11	1:894:A:LYS:HA	14	0.65
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	11	0.65
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	11	0.65
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	11	0.65
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	14	0.65
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	14	0.65
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	14	0.65
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	10	0.65
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	19	0.65
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	16	0.65
(1,280)	1:849:A:THR:HA	1:852:A:LEU:HB3	1	0.65
(1,253)	1:838:A:PRO:HA	1:841:A:LEU:HG	11	0.65
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	15	0.65
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	14	0.65
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	14	0.65
(1,125)	1:819:A:ARG:HA	1:819:A:ARG:HG2	17	0.65
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	12	0.65
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	12	0.65
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	12	0.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	6	0.65
(1,37)	1:803:A:PRO:HA	1:809:A:PHE:HA	14	0.65
(1,33)	1:803:A:PRO:HB2	1:809:A:PHE:HA	18	0.65
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	11	0.65
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	11	0.65
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	19	0.65
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	19	0.65
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	8	0.64
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	8	0.64
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	10	0.64
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	10	0.64
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	13	0.64
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	13	0.64
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG2	8	0.64
(1,3312)	1:884:A:MET:HA	1:884:A:MET:HG3	8	0.64
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	7	0.64
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	7	0.64
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG2	7	0.64
(1,3250)	1:865:A:ASP:HA	1:866:A:PRO:HG3	7	0.64
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	8	0.64
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	16	0.64
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG2	14	0.64
(1,3091)	1:822:A:LYS:HA	1:822:A:LYS:HG3	14	0.64
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	1	0.64
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	1	0.64
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	6	0.64
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	6	0.64
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	9	0.64
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	9	0.64
(1,3076)	1:811:A:GLN:HG2	1:812:A:ILE:H	19	0.64
(1,3076)	1:811:A:GLN:HG3	1:812:A:ILE:H	19	0.64
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	11	0.64
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	11	0.64
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	11	0.64
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	11	0.64
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	16	0.64
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	16	0.64
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	20	0.64
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	3	0.64
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	10	0.64
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	18	0.64
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	17	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE1	16	0.64
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE2	16	0.64
(1,2923)	1:846:A:GLU:HA	1:885:A:MET:HE3	16	0.64
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	6	0.64
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	19	0.64
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	8	0.64
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	8	0.64
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	8	0.64
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	8	0.64
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	8	0.64
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	8	0.64
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	5	0.64
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	5	0.64
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	5	0.64
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	9	0.64
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	9	0.64
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	9	0.64
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	12	0.64
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	12	0.64
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	12	0.64
(1,2826)	1:897:A:ILE:HG21	1:926:A:LEU:HG	17	0.64
(1,2826)	1:897:A:ILE:HG22	1:926:A:LEU:HG	17	0.64
(1,2826)	1:897:A:ILE:HG23	1:926:A:LEU:HG	17	0.64
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	6	0.64
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	19	0.64
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	1	0.64
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	9	0.64
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	14	0.64
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	15	0.64
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	15	0.64
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	5	0.64
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	8	0.64
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	13	0.64
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	18	0.64
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	8	0.64
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	20	0.64
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	16	0.64
(1,2645)	1:805:A:ASN:HD22	1:808:A:GLU:H	16	0.64
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	18	0.64
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	18	0.64
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	15	0.64
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	2	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	6	0.64
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	19	0.64
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	19	0.64
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	13	0.64
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	5	0.64
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	15	0.64
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	19	0.64
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	19	0.64
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	4	0.64
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	13	0.64
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	18	0.64
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	18	0.64
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	11	0.64
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	13	0.64
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	13	0.64
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	13	0.64
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	2	0.64
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	2	0.64
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	2	0.64
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	2	0.64
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	2	0.64
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	2	0.64
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	5	0.64
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	5	0.64
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	1	0.64
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	1	0.64
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	1	0.64
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	1	0.64
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	2	0.64
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	2	0.64
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	4	0.64
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	4	0.64
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	5	0.64
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	5	0.64
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	7	0.64
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	7	0.64
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	14	0.64
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	14	0.64
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	16	0.64
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	16	0.64
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	11	0.64
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	11	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	8	0.64
(1,2232)	1:880:A:GLU:HB3	1:881:A:ARG:HE	19	0.64
(1,2232)	1:880:A:GLU:HB2	1:881:A:ARG:HE	19	0.64
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	1	0.64
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	1	0.64
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	1	0.64
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	4	0.64
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	9	0.64
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	11	0.64
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	14	0.64
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	20	0.64
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	20	0.64
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	20	0.64
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	1	0.64
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	3	0.64
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	6	0.64
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	11	0.64
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	13	0.64
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	18	0.64
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	3	0.64
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	13	0.64
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	1	0.64
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	9	0.64
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	11	0.64
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	18	0.64
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	12	0.64
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	19	0.64
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	1	0.64
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	6	0.64
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	17	0.64
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	17	0.64
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	13	0.64
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB2	7	0.64
(1,2007)	1:906:A:ASP:H	1:906:A:ASP:HB3	7	0.64
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	17	0.64
(1,1963)	1:901:A:PHE:H	1:902:A:GLU:H	19	0.64
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	3	0.64
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	10	0.64
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	16	0.64
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	7	0.64
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	4	0.64
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	4	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	5	0.64
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	5	0.64
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	10	0.64
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	10	0.64
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	12	0.64
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	12	0.64
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	14	0.64
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	14	0.64
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	18	0.64
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	18	0.64
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	10	0.64
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	18	0.64
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	19	0.64
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	14	0.64
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	14	0.64
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	9	0.64
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	5	0.64
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	10	0.64
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	11	0.64
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	19	0.64
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	19	0.64
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	5	0.64
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	18	0.64
(1,1833)	1:890:A:SER:H	1:893:A:GLN:HB2	3	0.64
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	15	0.64
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	3	0.64
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	13	0.64
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	13	0.64
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	7	0.64
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	15	0.64
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	19	0.64
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	12	0.64
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	4	0.64
(1,1754)	1:881:A:ARG:H	1:882:A:PHE:H	10	0.64
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	16	0.64
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	1	0.64
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	3	0.64
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	8	0.64
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	14	0.64
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	4	0.64
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	15	0.64
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	4	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1644)	1:874:A:LEU:H	1:877:A:SER:H	10	0.64
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	2	0.64
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	16	0.64
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	19	0.64
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	5	0.64
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	6	0.64
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	1	0.64
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	11	0.64
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE1	13	0.64
(1,1583)	1:870:A:TYR:H	1:912:A:PHE:HE2	13	0.64
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	17	0.64
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	3	0.64
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	5	0.64
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	18	0.64
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	3	0.64
(1,1545)	1:865:A:ASP:H	1:866:A:PRO:HA	8	0.64
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	4	0.64
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	14	0.64
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	9	0.64
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	18	0.64
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	15	0.64
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	19	0.64
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	19	0.64
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	9	0.64
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	4	0.64
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	4	0.64
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	20	0.64
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	15	0.64
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	4	0.64
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD23	16	0.64
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD21	16	0.64
(1,1395)	1:853:A:LEU:H	1:853:A:LEU:HD22	16	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	9	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	9	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	9	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	12	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	12	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	12	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	15	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	15	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	15	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	17	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	17	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	17	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	20	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	20	0.64
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	20	0.64
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	13	0.64
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	6	0.64
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	14	0.64
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	1	0.64
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	11	0.64
(1,1304)	1:837:A:LEU:HA	1:841:A:LEU:H	4	0.64
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	2	0.64
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	11	0.64
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	11	0.64
(1,1234)	1:828:A:LEU:HG	1:832:A:THR:H	6	0.64
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	5	0.64
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	4	0.64
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	13	0.64
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	17	0.64
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	18	0.64
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	5	0.64
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	5	0.64
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	13	0.64
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	13	0.64
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	15	0.64
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	15	0.64
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	18	0.64
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	18	0.64
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	14	0.64
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	1	0.64
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	1	0.64
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	5	0.64
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	7	0.64
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	1	0.64
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	13	0.64
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	5	0.64
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	20	0.64
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	9	0.64
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	9	0.64
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	19	0.64
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	19	0.64
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	7	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	13	0.64
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	16	0.64
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	20	0.64
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	15	0.64
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	16	0.64
(1,1014)	1:812:A:ILE:H	1:812:A:ILE:HB	16	0.64
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	5	0.64
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	4	0.64
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	4	0.64
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	16	0.64
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB2	13	0.64
(1,992)	1:810:A:GLY:H	1:811:A:GLN:HB3	13	0.64
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	7	0.64
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	6	0.64
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	18	0.64
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	6	0.64
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	6	0.64
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	10	0.64
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	10	0.64
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	9	0.64
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	15	0.64
(1,897)	1:813:A:ILE:HB	1:814:A:ASN:H	19	0.64
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	3	0.64
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	17	0.64
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	7	0.64
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	10	0.64
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD23	5	0.64
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD21	5	0.64
(1,690)	1:858:A:LYS:HA	1:900:A:LEU:HD22	5	0.64
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	5	0.64
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	8	0.64
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	12	0.64
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	8	0.64
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	8	0.64
(1,611)	1:891:A:LYS:HA	1:894:A:LYS:HB2	3	0.64
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	5	0.64
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	5	0.64
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	5	0.64
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE1	19	0.64
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE2	19	0.64
(1,547)	1:885:A:MET:HG3	1:885:A:MET:HE3	19	0.64
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	14	0.64

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	9	0.64
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	11	0.64
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	11	0.64
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	11	0.64
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	20	0.64
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	13	0.64
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	6	0.64
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	2	0.64
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	18	0.64
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	9	0.64
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	11	0.64
(1,281)	1:849:A:THR:HA	1:853:A:LEU:H	2	0.64
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	2	0.64
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	6	0.64
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	6	0.64
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	11	0.64
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	11	0.64
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD12	2	0.64
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD13	2	0.64
(1,114)	1:816:A:LEU:H	1:816:A:LEU:HD11	2	0.64
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	15	0.64
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	18	0.63
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	18	0.63
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	6	0.63
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	6	0.63
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	13	0.63
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	13	0.63
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	14	0.63
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	14	0.63
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	15	0.63
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	15	0.63
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	4	0.63
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	4	0.63
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	7	0.63
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	7	0.63
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	18	0.63
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	18	0.63
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	16	0.63
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	16	0.63
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	19	0.63
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	19	0.63
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	9	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	9	0.63
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	2	0.63
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	2	0.63
(1,3303)	1:881:A:ARG:HG2	1:882:A:PHE:H	19	0.63
(1,3303)	1:881:A:ARG:HG3	1:882:A:PHE:H	19	0.63
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD2	11	0.63
(1,3249)	1:865:A:ASP:H	1:866:A:PRO:HD3	11	0.63
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	1	0.63
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	1	0.63
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	1	0.63
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	10	0.63
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	10	0.63
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	10	0.63
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	3	0.63
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	3	0.63
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	5	0.63
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	5	0.63
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	15	0.63
(1,3095)	1:822:A:LYS:HG2	1:859:A:ASN:HD21	4	0.63
(1,3095)	1:822:A:LYS:HG3	1:859:A:ASN:HD21	4	0.63
(1,3059)	1:808:A:GLU:HG2	1:809:A:PHE:H	11	0.63
(1,3059)	1:808:A:GLU:HG3	1:809:A:PHE:H	11	0.63
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	12	0.63
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	12	0.63
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	4	0.63
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	4	0.63
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	5	0.63
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	5	0.63
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	14	0.63
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	14	0.63
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	16	0.63
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	16	0.63
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	2	0.63
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	2	0.63
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	5	0.63
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	5	0.63
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	12	0.63
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	12	0.63
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	5	0.63
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	5	0.63
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	7	0.63
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	7	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	14	0.63
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	2	0.63
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	6	0.63
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	5	0.63
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	5	0.63
(1,2956)	1:821:A:ASP:HB3	1:825:A:CYS:H	11	0.63
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	11	0.63
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	13	0.63
(1,2944)	1:923:A:GLN:HA	1:923:A:GLN:HE22	6	0.63
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	10	0.63
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	18	0.63
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	13	0.63
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE1	7	0.63
(1,2890)	1:867:A:SER:HB2	1:912:A:PHE:HE2	7	0.63
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	3	0.63
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	11	0.63
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	3	0.63
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	7	0.63
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	12	0.63
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	17	0.63
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	20	0.63
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	11	0.63
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE1	2	0.63
(1,2675)	1:882:A:PHE:HD1	1:924:A:TYR:HE2	2	0.63
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE1	2	0.63
(1,2675)	1:882:A:PHE:HD2	1:924:A:TYR:HE2	2	0.63
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	16	0.63
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	16	0.63
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	14	0.63
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	8	0.63
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	4	0.63
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	1	0.63
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	1	0.63
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	1	0.63
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	1	0.63
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	13	0.63
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	14	0.63
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	11	0.63
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	13	0.63
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	16	0.63
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	5	0.63
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	6	0.63
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	6	0.63
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	3	0.63
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	17	0.63
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	13	0.63
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	13	0.63
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	11	0.63
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	11	0.63
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	15	0.63
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	15	0.63
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	13	0.63
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	12	0.63
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	19	0.63
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	19	0.63
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	9	0.63
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	7	0.63
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	7	0.63
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	1	0.63
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	17	0.63
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	9	0.63
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	17	0.63
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	17	0.63
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	1	0.63
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	1	0.63
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	3	0.63
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	3	0.63
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	1	0.63
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	1	0.63
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	3	0.63
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	3	0.63
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	6	0.63
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	6	0.63
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	20	0.63
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	20	0.63
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	12	0.63
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	12	0.63
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	15	0.63
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	15	0.63
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	17	0.63
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	17	0.63
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	17	0.63
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	17	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	16	0.63
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	16	0.63
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	20	0.63
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	18	0.63
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	18	0.63
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	17	0.63
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	1	0.63
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	12	0.63
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	15	0.63
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	17	0.63
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	18	0.63
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	19	0.63
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	19	0.63
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	5	0.63
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	9	0.63
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	9	0.63
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	2	0.63
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	15	0.63
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	7	0.63
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	18	0.63
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	12	0.63
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	12	0.63
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	2	0.63
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	17	0.63
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	16	0.63
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	18	0.63
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	8	0.63
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	16	0.63
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	11	0.63
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	13	0.63
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	13	0.63
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	15	0.63
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	15	0.63
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	20	0.63
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	15	0.63
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	7	0.63
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	7	0.63
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	11	0.63
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	11	0.63
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	18	0.63
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	18	0.63
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	2	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	2	0.63
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	9	0.63
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	9	0.63
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	20	0.63
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	3	0.63
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	9	0.63
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	5	0.63
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	5	0.63
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	12	0.63
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	17	0.63
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	6	0.63
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	12	0.63
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	7	0.63
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	9	0.63
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	17	0.63
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	5	0.63
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	7	0.63
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	9	0.63
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	10	0.63
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	4	0.63
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	16	0.63
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	1	0.63
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	1	0.63
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	6	0.63
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	6	0.63
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	8	0.63
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	8	0.63
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	9	0.63
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	9	0.63
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	11	0.63
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	11	0.63
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	15	0.63
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	15	0.63
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	16	0.63
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	16	0.63
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	19	0.63
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	19	0.63
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	12	0.63
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	4	0.63
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	5	0.63
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	9	0.63
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	15	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	19	0.63
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	8	0.63
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	9	0.63
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	18	0.63
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	20	0.63
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	17	0.63
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	17	0.63
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	11	0.63
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	11	0.63
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	19	0.63
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	5	0.63
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	5	0.63
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	8	0.63
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	8	0.63
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	17	0.63
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	17	0.63
(1,1811)	1:888:A:LEU:H	1:889:A:ILE:H	2	0.63
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	7	0.63
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	20	0.63
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	3	0.63
(1,1791)	1:884:A:MET:H	1:885:A:MET:H	16	0.63
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	7	0.63
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	9	0.63
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	15	0.63
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	17	0.63
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	13	0.63
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	15	0.63
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	17	0.63
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	10	0.63
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	12	0.63
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	6	0.63
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	18	0.63
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	11	0.63
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	12	0.63
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	5	0.63
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	8	0.63
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	15	0.63
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	16	0.63
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	20	0.63
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	1	0.63
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	2	0.63
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	17	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	19	0.63
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	19	0.63
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	17	0.63
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	17	0.63
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	11	0.63
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	17	0.63
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	6	0.63
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	19	0.63
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	8	0.63
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	15	0.63
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	15	0.63
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	10	0.63
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	15	0.63
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	9	0.63
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	16	0.63
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	16	0.63
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	6	0.63
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	6	0.63
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	11	0.63
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	4	0.63
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	4	0.63
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	9	0.63
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	9	0.63
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	18	0.63
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	9	0.63
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	12	0.63
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	6	0.63
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD21	2	0.63
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD22	2	0.63
(1,1394)	1:852:A:LEU:H	1:852:A:LEU:HD23	2	0.63
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	17	0.63
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	16	0.63
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	13	0.63
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	9	0.63
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	9	0.63
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	10	0.63
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	17	0.63
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	17	0.63
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	6	0.63
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	9	0.63
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	11	0.63
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	4	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	4	0.63
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	14	0.63
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	14	0.63
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	9	0.63
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	4	0.63
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	8	0.63
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	1	0.63
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	2	0.63
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	3	0.63
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	18	0.63
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	13	0.63
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	5	0.63
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	2	0.63
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	19	0.63
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	20	0.63
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	17	0.63
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	2	0.63
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	2	0.63
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	5	0.63
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	8	0.63
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	12	0.63
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	12	0.63
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	14	0.63
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	10	0.63
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	10	0.63
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	18	0.63
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	18	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	1	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	1	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	5	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	5	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	11	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	11	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	12	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	12	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	14	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	14	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	16	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	16	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	17	0.63
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	17	0.63
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	16	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	16	0.63
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	5	0.63
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	5	0.63
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	5	0.63
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	4	0.63
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	1	0.63
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	4	0.63
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	4	0.63
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	18	0.63
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	3	0.63
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	2	0.63
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	2	0.63
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	2	0.63
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	2	0.63
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	2	0.63
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	2	0.63
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	17	0.63
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	17	0.63
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	18	0.63
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	16	0.63
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	11	0.63
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	14	0.63
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	6	0.63
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	18	0.63
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	7	0.63
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	6	0.63
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	1	0.63
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	14	0.63
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE2	15	0.63
(1,612)	1:891:A:LYS:HA	1:891:A:LYS:HE3	15	0.63
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	2	0.63
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	3	0.63
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	3	0.63
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	3	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	1	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	1	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	1	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	2	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	2	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	2	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	3	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	3	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	3	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	5	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	5	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	5	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	6	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	6	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	6	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	7	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	7	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	7	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	8	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	8	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	8	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	9	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	9	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	9	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	10	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	10	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	10	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	13	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	13	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	13	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	14	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	14	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	14	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	15	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	15	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	15	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	16	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	16	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	16	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	17	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	17	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	17	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	18	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	18	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	18	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	19	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	19	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	19	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	20	0.63
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	20	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	20	0.63
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	19	0.63
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	10	0.63
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	17	0.63
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	5	0.63
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	8	0.63
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	1	0.63
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	12	0.63
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	12	0.63
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	8	0.63
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	16	0.63
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	12	0.63
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	12	0.63
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	15	0.63
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	15	0.63
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	12	0.63
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	12	0.63
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	15	0.63
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	15	0.63
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	4	0.63
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	1	0.62
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	1	0.62
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	5	0.62
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	5	0.62
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	18	0.62
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	18	0.62
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	12	0.62
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	12	0.62
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	19	0.62
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	19	0.62
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	5	0.62
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	5	0.62
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	14	0.62
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	14	0.62
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	3	0.62
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	3	0.62
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	5	0.62
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	5	0.62
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	1	0.62
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	1	0.62
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	7	0.62
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	7	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG2	11	0.62
(1,3336)	1:898:A:GLU:H	1:898:A:GLU:HG3	11	0.62
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	5	0.62
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	5	0.62
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	5	0.62
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	5	0.62
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	13	0.62
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	11	0.62
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	11	0.62
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	11	0.62
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	1	0.62
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	1	0.62
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	17	0.62
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	17	0.62
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	18	0.62
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	18	0.62
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	9	0.62
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	9	0.62
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	9	0.62
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	9	0.62
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	12	0.62
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	12	0.62
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	8	0.62
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	8	0.62
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	15	0.62
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	15	0.62
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	20	0.62
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	20	0.62
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	3	0.62
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	3	0.62
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	8	0.62
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	8	0.62
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	3	0.62
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	3	0.62
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	10	0.62
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	10	0.62
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	17	0.62
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	17	0.62
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	2	0.62
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	2	0.62
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	4	0.62
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	4	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3020)	1:795:A:MET:HG2	1:796:A:GLU:H	19	0.62
(1,3020)	1:795:A:MET:HG3	1:796:A:GLU:H	19	0.62
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	6	0.62
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	1	0.62
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	12	0.62
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	6	0.62
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	11	0.62
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	19	0.62
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	3	0.62
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	12	0.62
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	1	0.62
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	4	0.62
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	6	0.62
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	4	0.62
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	5	0.62
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	5	0.62
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	19	0.62
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	19	0.62
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	7	0.62
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	20	0.62
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	20	0.62
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	20	0.62
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	20	0.62
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	16	0.62
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	16	0.62
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	9	0.62
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	9	0.62
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	5	0.62
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	10	0.62
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	18	0.62
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	10	0.62
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	6	0.62
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	16	0.62
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	6	0.62
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	2	0.62
(1,2505)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	12	0.62
(1,2505)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	12	0.62
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	10	0.62
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	10	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	1	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	1	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	2	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	2	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	8	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	8	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	10	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	10	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	14	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	14	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	15	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	15	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	19	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	19	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	20	0.62
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	20	0.62
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	5	0.62
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	19	0.62
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	12	0.62
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	12	0.62
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD1	6	0.62
(1,2401)	1:872:A:HIS:HA	1:875:A:TYR:HD2	6	0.62
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	4	0.62
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	4	0.62
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	10	0.62
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	10	0.62
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	18	0.62
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	18	0.62
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	14	0.62
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	14	0.62
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	17	0.62
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	17	0.62
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	20	0.62
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	20	0.62
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	8	0.62
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	8	0.62
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	10	0.62
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	10	0.62
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	9	0.62
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	9	0.62
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	18	0.62
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	18	0.62
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	16	0.62
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	5	0.62
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	11	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	9	0.62
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	9	0.62
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	20	0.62
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	20	0.62
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	1	0.62
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	20	0.62
(1,2218)	1:924:A:TYR:H	1:925:A:GLU:H	6	0.62
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	2	0.62
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	1	0.62
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	13	0.62
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	13	0.62
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	11	0.62
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	4	0.62
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	10	0.62
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	3	0.62
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	9	0.62
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	10	0.62
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	6	0.62
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	6	0.62
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	4	0.62
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	11	0.62
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	12	0.62
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	13	0.62
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	1	0.62
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	2	0.62
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	9	0.62
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	13	0.62
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	14	0.62
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	14	0.62
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	2	0.62
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	17	0.62
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	1	0.62
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	9	0.62
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	6	0.62
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	6	0.62
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	9	0.62
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	9	0.62
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	12	0.62
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	12	0.62
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	7	0.62
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	15	0.62
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	15	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	20	0.62
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	20	0.62
(1,2034)	1:912:A:PHE:H	1:912:A:PHE:HB3	19	0.62
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	13	0.62
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	18	0.62
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	16	0.62
(1,1977)	1:901:A:PHE:HA	1:903:A:ASP:H	12	0.62
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	6	0.62
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	6	0.62
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	16	0.62
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	16	0.62
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	13	0.62
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	7	0.62
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	13	0.62
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	14	0.62
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	16	0.62
(1,1920)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	7	0.62
(1,1920)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	7	0.62
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	15	0.62
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	2	0.62
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	9	0.62
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	10	0.62
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	14	0.62
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	9	0.62
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	6	0.62
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	1	0.62
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	1	0.62
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	3	0.62
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	4	0.62
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	13	0.62
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	4	0.62
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	4	0.62
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	1	0.62
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	5	0.62
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	13	0.62
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	13	0.62
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	14	0.62
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	9	0.62
(1,1797)	1:884:A:MET:HA	1:886:A:LEU:H	7	0.62
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	11	0.62
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	1	0.62
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	2	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	11	0.62
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	14	0.62
(1,1785)	1:884:A:MET:HG2	1:885:A:MET:H	6	0.62
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	17	0.62
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	7	0.62
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	4	0.62
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	7	0.62
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	7	0.62
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	13	0.62
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	2	0.62
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	1	0.62
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	1	0.62
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	7	0.62
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	9	0.62
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	13	0.62
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	13	0.62
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	18	0.62
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	20	0.62
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	3	0.62
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	18	0.62
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	15	0.62
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	15	0.62
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	15	0.62
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	16	0.62
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	14	0.62
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	20	0.62
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	2	0.62
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	4	0.62
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	9	0.62
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	4	0.62
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	20	0.62
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	8	0.62
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	8	0.62
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	7	0.62
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	7	0.62
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	9	0.62
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	12	0.62
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	17	0.62
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	10	0.62
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	10	0.62
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	13	0.62
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	9	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1384)	1:850:A:PHE:H	1:852:A:LEU:H	14	0.62
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	1	0.62
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	19	0.62
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	2	0.62
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	16	0.62
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	12	0.62
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	12	0.62
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	20	0.62
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	20	0.62
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	12	0.62
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	12	0.62
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	13	0.62
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	13	0.62
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	14	0.62
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	14	0.62
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	15	0.62
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	15	0.62
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	17	0.62
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	17	0.62
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	18	0.62
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	18	0.62
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	3	0.62
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	2	0.62
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	6	0.62
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	14	0.62
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	1	0.62
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	7	0.62
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	8	0.62
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	12	0.62
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	15	0.62
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	14	0.62
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	17	0.62
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	16	0.62
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	9	0.62
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	9	0.62
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	3	0.62
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	4	0.62
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	17	0.62
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	11	0.62
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	16	0.62
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	18	0.62
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	13	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	7	0.62
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	7	0.62
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	9	0.62
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	9	0.62
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	19	0.62
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	8	0.62
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	20	0.62
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	5	0.62
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	5	0.62
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	18	0.62
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	18	0.62
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	6	0.62
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	8	0.62
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	6	0.62
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	6	0.62
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	11	0.62
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	19	0.62
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	2	0.62
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	17	0.62
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	14	0.62
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	20	0.62
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	5	0.62
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	5	0.62
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	16	0.62
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	13	0.62
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	16	0.62
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	5	0.62
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	3	0.62
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	3	0.62
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	13	0.62
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	3	0.62
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	3	0.62
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	13	0.62
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	17	0.62
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	9	0.62
(1,874)	1:869:A:VAL:HA	1:871:A:GLN:H	16	0.62
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	7	0.62
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	7	0.62
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	7	0.62
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	7	0.62
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	7	0.62
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	7	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	3	0.62
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	14	0.62
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	4	0.62
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	17	0.62
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	18	0.62
(1,650)	1:897:A:ILE:HB	1:898:A:GLU:HA	15	0.62
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	20	0.62
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	6	0.62
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	6	0.62
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	8	0.62
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	8	0.62
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	1	0.62
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	1	0.62
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	1	0.62
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	18	0.62
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	18	0.62
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	18	0.62
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	4	0.62
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	4	0.62
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	4	0.62
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD22	12	0.62
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD23	12	0.62
(1,478)	1:873:A:LEU:HB2	1:873:A:LEU:HD21	12	0.62
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	4	0.62
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	18	0.62
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	19	0.62
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB2	6	0.62
(1,371)	1:858:A:LYS:HG3	1:859:A:ASN:HB3	6	0.62
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	14	0.62
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD2	20	0.62
(1,269)	1:844:A:LYS:HA	1:844:A:LYS:HD3	20	0.62
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	15	0.62
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	1	0.62
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	1	0.62
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	7	0.62
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	7	0.62
(1,138)	1:819:A:ARG:HG3	1:821:A:ASP:HB2	11	0.62
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	4	0.62
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	13	0.62
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	3	0.62
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	19	0.62
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	1	0.62

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	1	0.62
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	14	0.62
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	14	0.62
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	17	0.62
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	17	0.62
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	11	0.62
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	11	0.61
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	11	0.61
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	11	0.61
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	11	0.61
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	19	0.61
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	19	0.61
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	15	0.61
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	15	0.61
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	20	0.61
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	20	0.61
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	11	0.61
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	11	0.61
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	17	0.61
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	17	0.61
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	18	0.61
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	18	0.61
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	2	0.61
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	2	0.61
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	15	0.61
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	15	0.61
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	6	0.61
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	6	0.61
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	16	0.61
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	16	0.61
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	15	0.61
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	15	0.61
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	6	0.61
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	6	0.61
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	4	0.61
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	4	0.61
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	13	0.61
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	13	0.61
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	7	0.61
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	7	0.61
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	14	0.61
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	14	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	14	0.61
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	14	0.61
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	15	0.61
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	15	0.61
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	15	0.61
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	15	0.61
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	14	0.61
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	14	0.61
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	11	0.61
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	11	0.61
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	4	0.61
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	4	0.61
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	4	0.61
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	4	0.61
(1,3044)	1:803:A:PRO:HD2	1:828:A:LEU:HG	19	0.61
(1,3044)	1:803:A:PRO:HD3	1:828:A:LEU:HG	19	0.61
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	2	0.61
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	2	0.61
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	7	0.61
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	7	0.61
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	8	0.61
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	8	0.61
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	12	0.61
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	12	0.61
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	15	0.61
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	15	0.61
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	3	0.61
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	3	0.61
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD1	8	0.61
(1,3011)	1:882:A:PHE:H	1:882:A:PHE:HD2	8	0.61
(1,3005)	1:923:A:GLN:HE21	1:925:A:GLU:H	11	0.61
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	5	0.61
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	2	0.61
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	10	0.61
(1,2872)	1:877:A:SER:HA	1:882:A:PHE:HZ	6	0.61
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	18	0.61
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	17	0.61
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	12	0.61
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	14	0.61
(1,2732)	1:820:A:LYS:HA	1:820:A:LYS:HD3	7	0.61
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	2	0.61
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	11	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	13	0.61
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	8	0.61
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	9	0.61
(1,2591)	1:827:A:HIS:HD2	1:828:A:LEU:HG	4	0.61
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	15	0.61
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	2	0.61
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	2	0.61
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	10	0.61
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	7	0.61
(1,2533)	1:908:A:PRO:HB2	1:909:A:ASN:H	20	0.61
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	18	0.61
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	2	0.61
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	2	0.61
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	10	0.61
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	10	0.61
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	15	0.61
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	4	0.61
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	4	0.61
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	16	0.61
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	16	0.61
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	5	0.61
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	19	0.61
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	10	0.61
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	10	0.61
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	3	0.61
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	3	0.61
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	11	0.61
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	11	0.61
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	13	0.61
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	13	0.61
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	18	0.61
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	18	0.61
(1,2427)	1:900:A:LEU:HA	1:904:A:LEU:H	1	0.61
(1,2419)	1:912:A:PHE:HE1	1:914:A:LEU:HA	8	0.61
(1,2419)	1:912:A:PHE:HE2	1:914:A:LEU:HA	8	0.61
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	17	0.61
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	20	0.61
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	8	0.61
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	8	0.61
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	13	0.61
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	13	0.61
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	19	0.61
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	14	0.61
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	14	0.61
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	2	0.61
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	2	0.61
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	12	0.61
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	12	0.61
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD11	9	0.61
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD12	9	0.61
(1,2333)	1:809:A:PHE:HD2	1:813:A:ILE:HD13	9	0.61
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD11	9	0.61
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD12	9	0.61
(1,2333)	1:809:A:PHE:HD1	1:813:A:ILE:HD13	9	0.61
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	9	0.61
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	9	0.61
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	9	0.61
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	9	0.61
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	19	0.61
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	19	0.61
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	17	0.61
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	17	0.61
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	14	0.61
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	2	0.61
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	2	0.61
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	3	0.61
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	3	0.61
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	12	0.61
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	12	0.61
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	15	0.61
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	15	0.61
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	10	0.61
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	16	0.61
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	12	0.61
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	8	0.61
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE1	4	0.61
(1,2204)	1:924:A:TYR:H	1:924:A:TYR:HE2	4	0.61
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	5	0.61
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	5	0.61
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	15	0.61
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	4	0.61
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	4	0.61
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	11	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	11	0.61
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	20	0.61
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	20	0.61
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	12	0.61
(1,2133)	1:919:A:ALA:H	1:920:A:LEU:H	9	0.61
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	10	0.61
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	2	0.61
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	17	0.61
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	3	0.61
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	3	0.61
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	15	0.61
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	9	0.61
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	16	0.61
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	19	0.61
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	11	0.61
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	6	0.61
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	17	0.61
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	20	0.61
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	19	0.61
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	19	0.61
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	6	0.61
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	12	0.61
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	16	0.61
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE1	10	0.61
(1,2014)	1:909:A:ASN:H	1:912:A:PHE:HE2	10	0.61
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	6	0.61
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	20	0.61
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	19	0.61
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	6	0.61
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	13	0.61
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	16	0.61
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	10	0.61
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	7	0.61
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	9	0.61
(1,1878)	1:894:A:LYS:HD2	1:895:A:GLU:H	13	0.61
(1,1878)	1:894:A:LYS:HD3	1:895:A:GLU:H	13	0.61
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	15	0.61
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	2	0.61
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	7	0.61
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	12	0.61
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	15	0.61
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	17	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	5	0.61
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	5	0.61
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	14	0.61
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	13	0.61
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	13	0.61
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	16	0.61
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	16	0.61
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	4	0.61
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	5	0.61
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	19	0.61
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	3	0.61
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	10	0.61
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	2	0.61
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	14	0.61
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	8	0.61
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	8	0.61
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	10	0.61
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	15	0.61
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	20	0.61
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	14	0.61
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	5	0.61
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	8	0.61
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	1	0.61
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	14	0.61
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	6	0.61
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	3	0.61
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	14	0.61
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	1	0.61
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	1	0.61
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	8	0.61
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	8	0.61
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	9	0.61
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	9	0.61
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	10	0.61
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	10	0.61
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	11	0.61
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	11	0.61
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	17	0.61
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	17	0.61
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	2	0.61
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	10	0.61
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	15	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	18	0.61
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	12	0.61
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	17	0.61
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	11	0.61
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	11	0.61
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	13	0.61
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	13	0.61
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	3	0.61
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	14	0.61
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	20	0.61
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	20	0.61
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	5	0.61
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	1	0.61
(1,1539)	1:864:A:LYS:HD3	1:865:A:ASP:H	7	0.61
(1,1539)	1:864:A:LYS:HD2	1:865:A:ASP:H	7	0.61
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	1	0.61
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	12	0.61
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	12	0.61
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	15	0.61
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	5	0.61
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	16	0.61
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	13	0.61
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	13	0.61
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	16	0.61
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	3	0.61
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	17	0.61
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	17	0.61
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	3	0.61
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	3	0.61
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	10	0.61
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	10	0.61
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	8	0.61
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	1	0.61
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	1	0.61
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	10	0.61
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	10	0.61
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	13	0.61
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	8	0.61
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	8	0.61
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	7	0.61
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	7	0.61
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	1	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	11	0.61
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	14	0.61
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	4	0.61
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	2	0.61
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	18	0.61
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	19	0.61
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	20	0.61
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	12	0.61
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	8	0.61
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	8	0.61
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	4	0.61
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	10	0.61
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	9	0.61
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	19	0.61
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	15	0.61
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	13	0.61
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	19	0.61
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	3	0.61
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG2	16	0.61
(1,1093)	1:819:A:ARG:H	1:820:A:LYS:HG3	16	0.61
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	15	0.61
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	20	0.61
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	10	0.61
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	17	0.61
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	19	0.61
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	1	0.61
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	8	0.61
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	16	0.61
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	16	0.61
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	4	0.61
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	10	0.61
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	2	0.61
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	2	0.61
(1,1006)	1:807:A:TYR:HD1	1:811:A:GLN:H	6	0.61
(1,1006)	1:807:A:TYR:HD2	1:811:A:GLN:H	6	0.61
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	3	0.61
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	4	0.61
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	4	0.61
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	7	0.61
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE1	10	0.61
(1,927)	1:804:A:ASN:H	1:840:A:PHE:HE2	10	0.61
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	11	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	2	0.61
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	2	0.61
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	13	0.61
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	13	0.61
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	20	0.61
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	12	0.61
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	12	0.61
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	18	0.61
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	18	0.61
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	19	0.61
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	8	0.61
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	12	0.61
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	19	0.61
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	3	0.61
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	19	0.61
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	19	0.61
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	19	0.61
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD2	17	0.61
(1,610)	1:891:A:LYS:HA	1:894:A:LYS:HD3	17	0.61
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	4	0.61
(1,533)	1:883:A:LYS:HB3	1:884:A:MET:H	7	0.61
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	10	0.61
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	14	0.61
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	8	0.61
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	6	0.61
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	3	0.61
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	17	0.61
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	19	0.61
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	5	0.61
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	4	0.61
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	4	0.61
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	15	0.61
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	15	0.61
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	20	0.61
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	17	0.61
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	4	0.61
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	4	0.61
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	5	0.61
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	5	0.61
(1,3)	1:798:A:LEU:HA	1:798:A:LEU:HG	12	0.61
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	15	0.6
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	15	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	3	0.6
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	3	0.6
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	16	0.6
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	16	0.6
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	2	0.6
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	2	0.6
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	4	0.6
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	4	0.6
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	18	0.6
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	18	0.6
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	2	0.6
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	2	0.6
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	7	0.6
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	7	0.6
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	15	0.6
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	15	0.6
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	1	0.6
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	1	0.6
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	4	0.6
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	4	0.6
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	5	0.6
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	5	0.6
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	11	0.6
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	11	0.6
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	2	0.6
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	2	0.6
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	5	0.6
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	5	0.6
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	12	0.6
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	12	0.6
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	17	0.6
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	17	0.6
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	5	0.6
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	5	0.6
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	19	0.6
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	19	0.6
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	11	0.6
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	11	0.6
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	18	0.6
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	18	0.6
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	9	0.6
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	9	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	9	0.6
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	2	0.6
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	11	0.6
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	11	0.6
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	13	0.6
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	13	0.6
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	14	0.6
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	14	0.6
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	14	0.6
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	14	0.6
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	14	0.6
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	14	0.6
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	9	0.6
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	9	0.6
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	13	0.6
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	13	0.6
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	4	0.6
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	4	0.6
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	16	0.6
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	16	0.6
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	19	0.6
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	18	0.6
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	9	0.6
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	14	0.6
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	9	0.6
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	2	0.6
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	17	0.6
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	7	0.6
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	10	0.6
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	4	0.6
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	5	0.6
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	9	0.6
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	2	0.6
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	10	0.6
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	12	0.6
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	1	0.6
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	1	0.6
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	8	0.6
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	8	0.6
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	17	0.6
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	17	0.6
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	11	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	12	0.6
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	3	0.6
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	3	0.6
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	3	0.6
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	16	0.6
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	2	0.6
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	20	0.6
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	10	0.6
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	10	0.6
(1,2511)	1:850:A:PHE:HE1	1:897:A:ILE:HG13	6	0.6
(1,2511)	1:850:A:PHE:HE2	1:897:A:ILE:HG13	6	0.6
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	11	0.6
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	11	0.6
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	16	0.6
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	16	0.6
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	2	0.6
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	13	0.6
(1,2486)	1:912:A:PHE:HD1	1:917:A:ILE:HB	2	0.6
(1,2486)	1:912:A:PHE:HD2	1:917:A:ILE:HB	2	0.6
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	9	0.6
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	3	0.6
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	16	0.6
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	7	0.6
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	7	0.6
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	1	0.6
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	7	0.6
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	5	0.6
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	5	0.6
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE2	12	0.6
(1,2437)	1:898:A:GLU:HA	1:901:A:PHE:HE1	12	0.6
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	4	0.6
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	17	0.6
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	13	0.6
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	1	0.6
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	1	0.6
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	18	0.6
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	18	0.6
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	20	0.6
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	20	0.6
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	5	0.6
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	5	0.6
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	1	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	1	0.6
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	4	0.6
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	4	0.6
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	8	0.6
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	8	0.6
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	10	0.6
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	10	0.6
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	18	0.6
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	18	0.6
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD1	14	0.6
(1,2294)	1:803:A:PRO:HB2	1:840:A:PHE:HD2	14	0.6
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	3	0.6
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	3	0.6
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	4	0.6
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	4	0.6
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	7	0.6
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	7	0.6
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	9	0.6
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	9	0.6
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	17	0.6
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	17	0.6
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	13	0.6
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	13	0.6
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	15	0.6
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	16	0.6
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	4	0.6
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	4	0.6
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	7	0.6
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	7	0.6
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	11	0.6
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	11	0.6
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	12	0.6
(1,2216)	1:925:A:GLU:H	1:925:A:GLU:HA	13	0.6
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	11	0.6
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	11	0.6
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	7	0.6
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	10	0.6
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	12	0.6
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	2	0.6
(1,2174)	1:918:A:GLN:HA	1:922:A:ARG:H	17	0.6
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	12	0.6
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	4	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	4	0.6
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	9	0.6
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	5	0.6
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	16	0.6
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	9	0.6
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	10	0.6
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	6	0.6
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	12	0.6
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	7	0.6
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	7	0.6
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	1	0.6
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	1	0.6
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	8	0.6
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	8	0.6
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	13	0.6
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	13	0.6
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	17	0.6
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	17	0.6
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	17	0.6
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	18	0.6
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	20	0.6
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	16	0.6
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	1	0.6
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	1	0.6
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	8	0.6
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	8	0.6
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	10	0.6
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	10	0.6
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	1	0.6
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	5	0.6
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	10	0.6
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	10	0.6
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	12	0.6
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	12	0.6
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	19	0.6
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	19	0.6
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	18	0.6
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	16	0.6
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	14	0.6
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	5	0.6
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	5	0.6
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	15	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	2	0.6
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	5	0.6
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	11	0.6
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	17	0.6
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	19	0.6
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	4	0.6
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	19	0.6
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	12	0.6
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	13	0.6
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	8	0.6
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	15	0.6
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	10	0.6
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	16	0.6
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	12	0.6
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	4	0.6
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	16	0.6
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	1	0.6
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	1	0.6
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	7	0.6
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	20	0.6
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	10	0.6
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	10	0.6
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	5	0.6
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	5	0.6
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	10	0.6
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	10	0.6
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	13	0.6
(1,1796)	1:883:A:LYS:HA	1:886:A:LEU:H	7	0.6
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	2	0.6
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	8	0.6
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	3	0.6
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	9	0.6
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	12	0.6
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	16	0.6
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	5	0.6
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	5	0.6
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	6	0.6
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	11	0.6
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	13	0.6
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	15	0.6
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	2	0.6
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	16	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	7	0.6
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	13	0.6
(1,1646)	1:870:A:TYR:HD1	1:874:A:LEU:H	12	0.6
(1,1646)	1:870:A:TYR:HD2	1:874:A:LEU:H	12	0.6
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	10	0.6
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	2	0.6
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	9	0.6
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	12	0.6
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	19	0.6
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	2	0.6
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	9	0.6
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	9	0.6
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	4	0.6
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	4	0.6
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	10	0.6
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	10	0.6
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	2	0.6
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	6	0.6
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	7	0.6
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	2	0.6
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	11	0.6
(1,1532)	1:860:A:ASN:HA	1:864:A:LYS:H	12	0.6
(1,1513)	1:862:A:ILE:H	1:863:A:GLU:H	8	0.6
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	20	0.6
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	20	0.6
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	2	0.6
(1,1493)	1:858:A:LYS:HG3	1:859:A:ASN:HD22	7	0.6
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	5	0.6
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	11	0.6
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	9	0.6
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	12	0.6
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	7	0.6
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	7	0.6
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE2	16	0.6
(1,1442)	1:855:A:GLN:HE22	1:858:A:LYS:HE3	16	0.6
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	11	0.6
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	8	0.6
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	17	0.6
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	4	0.6
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	4	0.6
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	6	0.6
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	6	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	5	0.6
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	17	0.6
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	4	0.6
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	13	0.6
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	1	0.6
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	1	0.6
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	2	0.6
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	2	0.6
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	4	0.6
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	4	0.6
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	5	0.6
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	5	0.6
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	7	0.6
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	7	0.6
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	9	0.6
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	9	0.6
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	16	0.6
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	16	0.6
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	20	0.6
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	20	0.6
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	5	0.6
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	13	0.6
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	19	0.6
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	19	0.6
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	2	0.6
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	17	0.6
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	5	0.6
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	12	0.6
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	18	0.6
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	20	0.6
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	5	0.6
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	7	0.6
(1,1202)	1:827:A:HIS:HA	1:830:A:ALA:H	13	0.6
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	15	0.6
(1,1179)	1:825:A:CYS:HA	1:828:A:LEU:H	10	0.6
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	7	0.6
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	20	0.6
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	20	0.6
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	4	0.6
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	20	0.6
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	13	0.6
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	13	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1136)	1:823:A:GLU:HB2	1:824:A:ALA:H	11	0.6
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	3	0.6
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	15	0.6
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	17	0.6
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE3	13	0.6
(1,1105)	1:820:A:LYS:H	1:820:A:LYS:HE2	13	0.6
(1,1094)	1:819:A:ARG:H	1:819:A:ARG:HG3	20	0.6
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	17	0.6
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	13	0.6
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	15	0.6
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	5	0.6
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	5	0.6
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	14	0.6
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	11	0.6
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	1	0.6
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	2	0.6
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	2	0.6
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	10	0.6
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	10	0.6
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	2	0.6
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	20	0.6
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	1	0.6
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	15	0.6
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	15	0.6
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	10	0.6
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	10	0.6
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	15	0.6
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	15	0.6
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	17	0.6
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	17	0.6
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	11	0.6
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	8	0.6
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	8	0.6
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	2	0.6
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	2	0.6
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	9	0.6
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	15	0.6
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	3	0.6
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	5	0.6
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	17	0.6
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	8	0.6
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	15	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	10	0.6
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	3	0.6
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	18	0.6
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	18	0.6
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	18	0.6
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	4	0.6
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	5	0.6
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	5	0.6
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	5	0.6
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	8	0.6
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	8	0.6
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	8	0.6
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	9	0.6
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	9	0.6
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	9	0.6
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	10	0.6
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	10	0.6
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	10	0.6
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	15	0.6
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	15	0.6
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	15	0.6
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	1	0.6
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	20	0.6
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE1	19	0.6
(1,290)	1:850:A:PHE:HA	1:850:A:PHE:HE2	19	0.6
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	16	0.6
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	10	0.6
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	9	0.6
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	9	0.6
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	15	0.6
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	15	0.6
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	17	0.6
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	17	0.6
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	20	0.6
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	20	0.6
(1,106)	1:901:A:PHE:HB2	1:921:A:LYS:HB2	13	0.6
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	1	0.6
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	2	0.6
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	16	0.6
(1,48)	1:807:A:TYR:HA	1:810:A:GLY:H	10	0.6
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	14	0.6
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	14	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	13	0.6
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	3	0.6
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	3	0.6
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	20	0.6
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	20	0.6
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	3	0.59
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	3	0.59
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	5	0.59
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	5	0.59
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB2	4	0.59
(1,3387)	1:922:A:ARG:H	1:922:A:ARG:HB3	4	0.59
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	9	0.59
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	9	0.59
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	6	0.59
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	6	0.59
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	2	0.59
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	2	0.59
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	4	0.59
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	4	0.59
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	10	0.59
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	10	0.59
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	15	0.59
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	15	0.59
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	16	0.59
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	16	0.59
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	19	0.59
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	19	0.59
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	6	0.59
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	6	0.59
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	9	0.59
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	9	0.59
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB2	10	0.59
(1,3348)	1:905:A:SER:H	1:906:A:ASP:HB3	10	0.59
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	4	0.59
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	4	0.59
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	13	0.59
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	13	0.59
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	14	0.59
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	14	0.59
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	14	0.59
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	14	0.59
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	14	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	14	0.59
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	14	0.59
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	14	0.59
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	8	0.59
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	8	0.59
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	14	0.59
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	14	0.59
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	8	0.59
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	8	0.59
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	8	0.59
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	8	0.59
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	2	0.59
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	2	0.59
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	20	0.59
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	20	0.59
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	1	0.59
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	1	0.59
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	1	0.59
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	19	0.59
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	19	0.59
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	19	0.59
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	1	0.59
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	4	0.59
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	4	0.59
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	8	0.59
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	8	0.59
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	10	0.59
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	10	0.59
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	11	0.59
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	11	0.59
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	18	0.59
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	18	0.59
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB2	13	0.59
(1,3081)	1:814:A:ASN:HA	1:817:A:SER:HB3	13	0.59
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	6	0.59
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	6	0.59
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	18	0.59
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	18	0.59
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	12	0.59
(1,3055)	1:807:A:TYR:HD1	1:811:A:GLN:HG3	12	0.59
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	12	0.59
(1,3055)	1:807:A:TYR:HD2	1:811:A:GLN:HG3	12	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	15	0.59
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	15	0.59
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	4	0.59
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	4	0.59
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	11	0.59
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	11	0.59
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	20	0.59
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	20	0.59
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	18	0.59
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	6	0.59
(1,2920)	1:923:A:GLN:HA	1:923:A:GLN:HG2	10	0.59
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	2	0.59
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	13	0.59
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	1	0.59
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	5	0.59
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	7	0.59
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	16	0.59
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	4	0.59
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	9	0.59
(1,2729)	1:900:A:LEU:HB3	1:901:A:PHE:HA	16	0.59
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	7	0.59
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	20	0.59
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	8	0.59
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	17	0.59
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	17	0.59
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	13	0.59
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	3	0.59
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	3	0.59
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	4	0.59
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	4	0.59
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	5	0.59
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	5	0.59
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	14	0.59
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	14	0.59
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD1	19	0.59
(1,2637)	1:834:A:PRO:HG3	1:875:A:TYR:HD2	19	0.59
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	1	0.59
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	3	0.59
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	20	0.59
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	17	0.59
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE1	20	0.59
(1,2584)	1:877:A:SER:HA	1:924:A:TYR:HE2	20	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	4	0.59
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	11	0.59
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	6	0.59
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	6	0.59
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	6	0.59
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	6	0.59
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	16	0.59
(1,2530)	1:852:A:LEU:H	1:854:A:ILE:HB	1	0.59
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	14	0.59
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	14	0.59
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	3	0.59
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	3	0.59
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	3	0.59
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	8	0.59
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	1	0.59
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	1	0.59
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	4	0.59
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	4	0.59
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	8	0.59
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	10	0.59
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	4	0.59
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	4	0.59
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	17	0.59
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	17	0.59
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	18	0.59
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	4	0.59
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	16	0.59
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	8	0.59
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	4	0.59
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	4	0.59
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	12	0.59
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	12	0.59
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	16	0.59
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	16	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	5	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	5	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	7	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	7	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	9	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	9	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	12	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	12	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	15	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	15	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	16	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	16	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	17	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	17	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	19	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	19	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	20	0.59
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	20	0.59
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	1	0.59
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	1	0.59
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	12	0.59
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	12	0.59
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	20	0.59
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	20	0.59
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	1	0.59
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	1	0.59
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	5	0.59
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	5	0.59
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	8	0.59
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	8	0.59
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	11	0.59
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	11	0.59
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	15	0.59
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	15	0.59
(1,2274)	1:870:A:TYR:HE2	1:871:A:GLN:HG3	9	0.59
(1,2274)	1:870:A:TYR:HE1	1:871:A:GLN:HG3	9	0.59
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	14	0.59
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	14	0.59
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	14	0.59
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	14	0.59
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	18	0.59
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	18	0.59
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	19	0.59
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	20	0.59
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	3	0.59
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	8	0.59
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	5	0.59
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	5	0.59
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	20	0.59
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	20	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	16	0.59
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	10	0.59
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	10	0.59
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	16	0.59
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	16	0.59
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	3	0.59
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	5	0.59
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	15	0.59
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	19	0.59
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	19	0.59
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	17	0.59
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	9	0.59
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	20	0.59
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	3	0.59
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	5	0.59
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	7	0.59
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	11	0.59
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	8	0.59
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	19	0.59
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	19	0.59
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	20	0.59
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	20	0.59
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	17	0.59
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	3	0.59
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	3	0.59
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	4	0.59
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	4	0.59
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	7	0.59
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	7	0.59
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	16	0.59
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	16	0.59
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	4	0.59
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	8	0.59
(1,2045)	1:870:A:TYR:HE2	1:913:A:THR:H	17	0.59
(1,2045)	1:870:A:TYR:HE1	1:913:A:THR:H	17	0.59
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	4	0.59
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	4	0.59
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	7	0.59
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	7	0.59
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	2	0.59
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	13	0.59
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	4	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	5	0.59
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	1	0.59
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	16	0.59
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	9	0.59
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	7	0.59
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	1	0.59
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	4	0.59
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	17	0.59
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	17	0.59
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	10	0.59
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	12	0.59
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	12	0.59
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	13	0.59
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	13	0.59
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	15	0.59
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	15	0.59
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	17	0.59
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	17	0.59
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	12	0.59
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	3	0.59
(1,1850)	1:837:A:LEU:H	1:837:A:LEU:HB3	6	0.59
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	4	0.59
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	11	0.59
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	19	0.59
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	19	0.59
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	13	0.59
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	12	0.59
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	15	0.59
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	20	0.59
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	12	0.59
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	17	0.59
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	6	0.59
(1,1774)	1:883:A:LYS:HB2	1:884:A:MET:H	7	0.59
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	12	0.59
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	13	0.59
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	6	0.59
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	11	0.59
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	11	0.59
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	19	0.59
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	10	0.59
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	7	0.59
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	14	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	10	0.59
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	7	0.59
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	17	0.59
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	10	0.59
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	18	0.59
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	3	0.59
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	17	0.59
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	1	0.59
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	7	0.59
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	8	0.59
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	10	0.59
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	15	0.59
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	7	0.59
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	15	0.59
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	20	0.59
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	19	0.59
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	16	0.59
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	16	0.59
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	1	0.59
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	10	0.59
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	12	0.59
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	6	0.59
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	6	0.59
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	11	0.59
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	11	0.59
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	16	0.59
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	16	0.59
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	20	0.59
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	20	0.59
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	7	0.59
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	15	0.59
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	18	0.59
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	4	0.59
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	10	0.59
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	12	0.59
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	14	0.59
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	5	0.59
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	3	0.59
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	1	0.59
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	1	0.59
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	6	0.59
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	6	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	9	0.59
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	9	0.59
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	12	0.59
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	2	0.59
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	3	0.59
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	7	0.59
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	17	0.59
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	10	0.59
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	12	0.59
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	14	0.59
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	6	0.59
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	6	0.59
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	11	0.59
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	11	0.59
(1,1295)	1:839:A:MET:H	1:840:A:PHE:H	9	0.59
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	11	0.59
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	11	0.59
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	16	0.59
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	8	0.59
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	17	0.59
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	19	0.59
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	5	0.59
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	7	0.59
(1,1260)	1:836:A:ASP:H	1:838:A:PRO:HD2	2	0.59
(1,1256)	1:833:A:ALA:H	1:836:A:ASP:H	16	0.59
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	5	0.59
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	5	0.59
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	6	0.59
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	19	0.59
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	10	0.59
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	5	0.59
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	16	0.59
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	9	0.59
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	1	0.59
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	13	0.59
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	17	0.59
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	17	0.59
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	10	0.59
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	6	0.59
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	16	0.59
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	3	0.59
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	1	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	17	0.59
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	8	0.59
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	18	0.59
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	17	0.59
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	3	0.59
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	3	0.59
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	13	0.59
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	13	0.59
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	5	0.59
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	2	0.59
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	5	0.59
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	15	0.59
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	19	0.59
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	20	0.59
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	16	0.59
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	16	0.59
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	10	0.59
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	16	0.59
(1,933)	1:804:A:ASN:HA	1:804:A:ASN:HD21	13	0.59
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	4	0.59
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	10	0.59
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	17	0.59
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	17	0.59
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	7	0.59
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	18	0.59
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	2	0.59
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	2	0.59
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	11	0.59
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	11	0.59
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	13	0.59
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	13	0.59
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	14	0.59
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	14	0.59
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	1	0.59
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	20	0.59
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	18	0.59
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG3	9	0.59
(1,793)	1:922:A:ARG:HA	1:922:A:ARG:HG2	9	0.59
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	18	0.59
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	18	0.59
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	15	0.59
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	18	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,699)	1:901:A:PHE:HB3	1:921:A:LYS:HB3	13	0.59
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	16	0.59
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	7	0.59
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	13	0.59
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	6	0.59
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	6	0.59
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	6	0.59
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	11	0.59
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	11	0.59
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	11	0.59
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	12	0.59
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	12	0.59
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	12	0.59
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	13	0.59
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	13	0.59
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	13	0.59
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	16	0.59
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	16	0.59
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	16	0.59
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	17	0.59
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	17	0.59
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	17	0.59
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	19	0.59
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	19	0.59
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	19	0.59
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	20	0.59
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	20	0.59
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	20	0.59
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	9	0.59
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	11	0.59
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	4	0.59
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	18	0.59
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	18	0.59
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	10	0.59
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	9	0.59
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	11	0.59
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	2	0.59
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	2	0.59
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	4	0.59
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	2	0.59
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG2	11	0.59
(1,32)	1:802:A:LYS:HA	1:802:A:LYS:HG3	11	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	12	0.59
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	2	0.59
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	2	0.59
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	1	0.59
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	16	0.59
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	16	0.59
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	8	0.58
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	8	0.58
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	14	0.58
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	14	0.58
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	19	0.58
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	19	0.58
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	20	0.58
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	20	0.58
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	6	0.58
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	6	0.58
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	12	0.58
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	12	0.58
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	14	0.58
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	14	0.58
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	9	0.58
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	9	0.58
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	11	0.58
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	11	0.58
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	20	0.58
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	20	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	2	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	2	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	4	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	4	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	11	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	11	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	12	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	12	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	13	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	13	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	15	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	15	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	19	0.58
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	19	0.58
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	1	0.58
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	1	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	13	0.58
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	13	0.58
(1,3240)	1:861:A:LEU:CG	1:864:A:LYS:HB2	12	0.58
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE2	17	0.58
(1,3156)	1:844:A:LYS:H	1:844:A:LYS:HE3	17	0.58
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	11	0.58
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	11	0.58
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	5	0.58
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	5	0.58
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	5	0.58
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	12	0.58
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	2	0.58
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	2	0.58
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	15	0.58
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	15	0.58
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	9	0.58
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	9	0.58
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	19	0.58
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	19	0.58
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	11	0.58
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	11	0.58
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	1	0.58
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	1	0.58
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	4	0.58
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	4	0.58
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	19	0.58
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	10	0.58
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	15	0.58
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	5	0.58
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	12	0.58
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	6	0.58
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	15	0.58
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	10	0.58
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	13	0.58
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	20	0.58
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	13	0.58
(1,2748)	1:810:A:GLY:HA2	1:813:A:ILE:HG13	12	0.58
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	2	0.58
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	14	0.58
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	10	0.58
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	19	0.58
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	8	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	8	0.58
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	7	0.58
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	7	0.58
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	5	0.58
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	13	0.58
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	15	0.58
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	5	0.58
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	7	0.58
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	1	0.58
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	19	0.58
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	5	0.58
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	14	0.58
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	5	0.58
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	5	0.58
(1,2474)	1:875:A:TYR:HD1	1:878:A:LYS:HE2	10	0.58
(1,2474)	1:875:A:TYR:HD2	1:878:A:LYS:HE2	10	0.58
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	6	0.58
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	7	0.58
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	17	0.58
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	15	0.58
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	15	0.58
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	6	0.58
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	6	0.58
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	11	0.58
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	11	0.58
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	13	0.58
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	13	0.58
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	15	0.58
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	15	0.58
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	8	0.58
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	13	0.58
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	19	0.58
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	2	0.58
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	10	0.58
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	10	0.58
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	12	0.58
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	12	0.58
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	3	0.58
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	3	0.58
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	11	0.58
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	11	0.58
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	18	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	18	0.58
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	2	0.58
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	2	0.58
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	3	0.58
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	3	0.58
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	6	0.58
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	6	0.58
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	11	0.58
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	11	0.58
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	14	0.58
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	14	0.58
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	6	0.58
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	6	0.58
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	10	0.58
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	10	0.58
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	14	0.58
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	14	0.58
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	7	0.58
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	7	0.58
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	18	0.58
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	18	0.58
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	11	0.58
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	11	0.58
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	20	0.58
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	20	0.58
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	6	0.58
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	3	0.58
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	10	0.58
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	10	0.58
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	9	0.58
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	9	0.58
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	4	0.58
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	4	0.58
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	9	0.58
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	9	0.58
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	13	0.58
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	7	0.58
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	18	0.58
(1,2177)	1:921:A:LYS:H	1:922:A:ARG:H	16	0.58
(1,2165)	1:921:A:LYS:HG2	1:922:A:ARG:H	8	0.58
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	5	0.58
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	5	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	13	0.58
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	13	0.58
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	14	0.58
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	14	0.58
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	11	0.58
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	8	0.58
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	7	0.58
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	3	0.58
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	4	0.58
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	14	0.58
(1,2078)	1:912:A:PHE:HD1	1:916:A:ASP:H	2	0.58
(1,2078)	1:912:A:PHE:HD2	1:916:A:ASP:H	2	0.58
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	19	0.58
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	19	0.58
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	10	0.58
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	7	0.58
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	8	0.58
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	19	0.58
(1,2000)	1:904:A:LEU:H	1:905:A:SER:H	7	0.58
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	9	0.58
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	9	0.58
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE2	12	0.58
(1,1938)	1:901:A:PHE:H	1:901:A:PHE:HE1	12	0.58
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	1	0.58
(1,1935)	1:899:A:GLN:H	1:900:A:LEU:H	16	0.58
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	20	0.58
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	17	0.58
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	13	0.58
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	1	0.58
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	2	0.58
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	5	0.58
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	13	0.58
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	11	0.58
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	20	0.58
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	6	0.58
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	14	0.58
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	14	0.58
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	16	0.58
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	16	0.58
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	16	0.58
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	8	0.58
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	8	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	4	0.58
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	4	0.58
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	6	0.58
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	16	0.58
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	13	0.58
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	15	0.58
(1,1776)	1:881:A:ARG:HA	1:884:A:MET:H	2	0.58
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	11	0.58
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	18	0.58
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	13	0.58
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	16	0.58
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	18	0.58
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	19	0.58
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	9	0.58
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	16	0.58
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	20	0.58
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	4	0.58
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	8	0.58
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	7	0.58
(1,1660)	1:875:A:TYR:H	1:877:A:SER:H	9	0.58
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	15	0.58
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	20	0.58
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	8	0.58
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	20	0.58
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	12	0.58
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	17	0.58
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	11	0.58
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	8	0.58
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	14	0.58
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	19	0.58
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	5	0.58
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	12	0.58
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	13	0.58
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	18	0.58
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	6	0.58
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	5	0.58
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	5	0.58
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	15	0.58
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	15	0.58
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	17	0.58
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	17	0.58
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	11	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	13	0.58
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	17	0.58
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	3	0.58
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	16	0.58
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	20	0.58
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	12	0.58
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	19	0.58
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	11	0.58
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	11	0.58
(1,1485)	1:858:A:LYS:HE2	1:859:A:ASN:HD21	16	0.58
(1,1485)	1:858:A:LYS:HE3	1:859:A:ASN:HD21	16	0.58
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	7	0.58
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	13	0.58
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	19	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	2	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	2	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	5	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	5	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	7	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	7	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	12	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	12	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	18	0.58
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	18	0.58
(1,1432)	1:852:A:LEU:HA	1:855:A:GLN:H	1	0.58
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	11	0.58
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	14	0.58
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	19	0.58
(1,1357)	1:846:A:GLU:HG2	1:849:A:THR:H	10	0.58
(1,1357)	1:846:A:GLU:HG3	1:849:A:THR:H	10	0.58
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	9	0.58
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	6	0.58
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	9	0.58
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	10	0.58
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	10	0.58
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	8	0.58
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	8	0.58
(1,1318)	1:843:A:ASN:HB2	1:843:A:ASN:HD22	19	0.58
(1,1318)	1:843:A:ASN:HB3	1:843:A:ASN:HD22	19	0.58
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	2	0.58
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	14	0.58
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	18	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	3	0.58
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	12	0.58
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	15	0.58
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	6	0.58
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	15	0.58
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	5	0.58
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	12	0.58
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	6	0.58
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	15	0.58
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	3	0.58
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	14	0.58
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	2	0.58
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	20	0.58
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	4	0.58
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	17	0.58
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	17	0.58
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	7	0.58
(1,1114)	1:820:A:LYS:HA	1:821:A:ASP:H	16	0.58
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	4	0.58
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	9	0.58
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	11	0.58
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	15	0.58
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	7	0.58
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	12	0.58
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	4	0.58
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	10	0.58
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	4	0.58
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	16	0.58
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	2	0.58
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	20	0.58
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	6	0.58
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	8	0.58
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	15	0.58
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	13	0.58
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	11	0.58
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	17	0.58
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	14	0.58
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	15	0.58
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	7	0.58
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	1	0.58
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	1	0.58
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	9	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	9	0.58
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	16	0.58
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	16	0.58
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	17	0.58
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	17	0.58
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	10	0.58
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	10	0.58
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	5	0.58
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	5	0.58
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	11	0.58
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	11	0.58
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	12	0.58
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	12	0.58
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	13	0.58
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	13	0.58
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	13	0.58
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	12	0.58
(1,871)	1:896:A:LEU:HA	1:899:A:GLN:HB2	10	0.58
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	14	0.58
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	14	0.58
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	14	0.58
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	14	0.58
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	14	0.58
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	14	0.58
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG2	8	0.58
(1,811)	1:925:A:GLU:HA	1:925:A:GLU:HG3	8	0.58
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	5	0.58
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	4	0.58
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	4	0.58
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	12	0.58
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	12	0.58
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	7	0.58
(1,735)	1:915:A:GLU:HA	1:918:A:GLN:HB2	14	0.58
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	7	0.58
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	3	0.58
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	3	0.58
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	9	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	2	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	2	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	2	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	3	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	3	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	3	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	9	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	9	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	9	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	10	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	10	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	10	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	12	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	12	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	12	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	13	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	13	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	13	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	15	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	15	0.58
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	15	0.58
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	19	0.58
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	2	0.58
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	2	0.58
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	2	0.58
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	4	0.58
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	4	0.58
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	4	0.58
(1,494)	1:874:A:LEU:HD21	1:875:A:TYR:HA	7	0.58
(1,494)	1:874:A:LEU:HD22	1:875:A:TYR:HA	7	0.58
(1,494)	1:874:A:LEU:HD23	1:875:A:TYR:HA	7	0.58
(1,461)	1:868:A:LEU:HA	1:871:A:GLN:HG3	8	0.58
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	3	0.58
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	5	0.58
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	7	0.58
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	5	0.58
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	7	0.58
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	10	0.58
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	11	0.58
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	13	0.58
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	6	0.58
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	15	0.58
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	2	0.58
(1,240)	1:835:A:LYS:HB2	1:836:A:ASP:H	13	0.58
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	3	0.58
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	3	0.58
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	3	0.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	6	0.58
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	18	0.58
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	14	0.58
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	20	0.58
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	6	0.58
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	11	0.58
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	1	0.57
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	1	0.57
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	4	0.57
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	4	0.57
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	9	0.57
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	9	0.57
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	13	0.57
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	13	0.57
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	9	0.57
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	9	0.57
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	13	0.57
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	13	0.57
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	20	0.57
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	20	0.57
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	1	0.57
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	1	0.57
(1,3333)	1:895:A:GLU:HG2	1:899:A:GLN:HE22	3	0.57
(1,3333)	1:895:A:GLU:HG3	1:899:A:GLN:HE22	3	0.57
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	19	0.57
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	19	0.57
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	3	0.57
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	3	0.57
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	10	0.57
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	10	0.57
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	14	0.57
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	14	0.57
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	16	0.57
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	16	0.57
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	18	0.57
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	18	0.57
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	17	0.57
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	17	0.57
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	17	0.57
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	17	0.57
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	17	0.57
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	17	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	2	0.57
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	2	0.57
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	3	0.57
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	3	0.57
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	20	0.57
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	20	0.57
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	20	0.57
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	10	0.57
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	10	0.57
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	12	0.57
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	12	0.57
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	17	0.57
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	17	0.57
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	17	0.57
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB2	6	0.57
(1,3140)	1:839:A:MET:H	1:839:A:MET:HB3	6	0.57
(1,3129)	1:837:A:LEU:HA	1:837:A:LEU:CG	4	0.57
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	5	0.57
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	5	0.57
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	12	0.57
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	12	0.57
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	7	0.57
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	7	0.57
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	20	0.57
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	20	0.57
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	1	0.57
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	1	0.57
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	1	0.57
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	1	0.57
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	9	0.57
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	9	0.57
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG2	18	0.57
(1,3053)	1:807:A:TYR:H	1:808:A:GLU:HG3	18	0.57
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	17	0.57
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	17	0.57
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	17	0.57
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	17	0.57
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	11	0.57
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	11	0.57
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	19	0.57
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	19	0.57
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	2	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	4	0.57
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	11	0.57
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	6	0.57
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	6	0.57
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	16	0.57
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	20	0.57
(1,2722)	1:853:A:LEU:HG	1:854:A:ILE:HA	15	0.57
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	14	0.57
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	14	0.57
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	15	0.57
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	7	0.57
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	19	0.57
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	7	0.57
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	9	0.57
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	3	0.57
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	3	0.57
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	3	0.57
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	3	0.57
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	3	0.57
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	14	0.57
(1,2546)	1:834:A:PRO:HB3	1:872:A:HIS:HE1	3	0.57
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	9	0.57
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	12	0.57
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	9	0.57
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	9	0.57
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB2	17	0.57
(1,2500)	1:901:A:PHE:H	1:902:A:GLU:HB3	17	0.57
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	9	0.57
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	11	0.57
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	3	0.57
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	1	0.57
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	16	0.57
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	14	0.57
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	5	0.57
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	5	0.57
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	12	0.57
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	12	0.57
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	10	0.57
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	5	0.57
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	3	0.57
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	8	0.57
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	8	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	15	0.57
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	15	0.57
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	8	0.57
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	8	0.57
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	9	0.57
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	9	0.57
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	1	0.57
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	1	0.57
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	9	0.57
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	9	0.57
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE1	13	0.57
(1,2337)	1:834:A:PRO:HB3	1:875:A:TYR:HE2	13	0.57
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	10	0.57
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	10	0.57
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	20	0.57
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	20	0.57
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	7	0.57
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	7	0.57
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	3	0.57
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	16	0.57
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	16	0.57
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	8	0.57
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	8	0.57
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	10	0.57
(1,2208)	1:923:A:GLN:HB2	1:924:A:TYR:H	4	0.57
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	20	0.57
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	8	0.57
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	8	0.57
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	2	0.57
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	1	0.57
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	16	0.57
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	18	0.57
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	18	0.57
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	12	0.57
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	12	0.57
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	11	0.57
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	3	0.57
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	3	0.57
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	11	0.57
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	11	0.57
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	5	0.57
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	9	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	10	0.57
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	18	0.57
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	13	0.57
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	18	0.57
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	13	0.57
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	6	0.57
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	9	0.57
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	11	0.57
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	18	0.57
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	19	0.57
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	12	0.57
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	2	0.57
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	5	0.57
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	17	0.57
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	20	0.57
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	7	0.57
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	11	0.57
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	14	0.57
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	18	0.57
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	18	0.57
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	20	0.57
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	3	0.57
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	3	0.57
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	13	0.57
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	13	0.57
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	9	0.57
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	5	0.57
(1,1809)	1:885:A:MET:HA	1:887:A:THR:H	7	0.57
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	4	0.57
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	9	0.57
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	18	0.57
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	1	0.57
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	2	0.57
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	3	0.57
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	11	0.57
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	5	0.57
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	4	0.57
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	7	0.57
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	6	0.57
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	17	0.57
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	11	0.57
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	3	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	19	0.57
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	3	0.57
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	10	0.57
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	19	0.57
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	1	0.57
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	4	0.57
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	14	0.57
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	16	0.57
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	3	0.57
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	16	0.57
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	14	0.57
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	12	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	1	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	1	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	2	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	2	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	8	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	8	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	9	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	9	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	12	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	12	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	13	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	13	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	19	0.57
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	19	0.57
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	4	0.57
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	12	0.57
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	19	0.57
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	8	0.57
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	2	0.57
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	12	0.57
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	9	0.57
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	1	0.57
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	4	0.57
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	19	0.57
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	7	0.57
(1,1492)	1:855:A:GLN:HB3	1:859:A:ASN:HD22	12	0.57
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	11	0.57
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	16	0.57
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	18	0.57
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	4	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	3	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	3	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	4	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	4	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	8	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	8	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	13	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	13	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	16	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	16	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	17	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	17	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	20	0.57
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	20	0.57
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	9	0.57
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	8	0.57
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	5	0.57
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	1	0.57
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	17	0.57
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	6	0.57
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	13	0.57
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	11	0.57
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	5	0.57
(1,1333)	1:846:A:GLU:HB2	1:847:A:GLY:H	11	0.57
(1,1333)	1:846:A:GLU:HB3	1:847:A:GLY:H	11	0.57
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	17	0.57
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	17	0.57
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	6	0.57
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE1	14	0.57
(1,1294)	1:840:A:PHE:H	1:840:A:PHE:HE2	14	0.57
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	17	0.57
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	4	0.57
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	7	0.57
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	17	0.57
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB2	4	0.57
(1,1274)	1:837:A:LEU:H	1:875:A:TYR:HB3	4	0.57
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	17	0.57
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	1	0.57
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	1	0.57
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	2	0.57
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	2	0.57
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	3	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	3	0.57
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	17	0.57
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	17	0.57
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	18	0.57
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	18	0.57
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	10	0.57
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	14	0.57
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	1	0.57
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	1	0.57
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	18	0.57
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	3	0.57
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	3	0.57
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	1	0.57
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	6	0.57
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	12	0.57
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	12	0.57
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	2	0.57
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	4	0.57
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	5	0.57
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	8	0.57
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	9	0.57
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	2	0.57
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	1	0.57
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	6	0.57
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	9	0.57
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	9	0.57
(1,1053)	1:811:A:GLN:HB2	1:815:A:ALA:H	13	0.57
(1,1053)	1:811:A:GLN:HB3	1:815:A:ALA:H	13	0.57
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	7	0.57
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	6	0.57
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	3	0.57
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	7	0.57
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	7	0.57
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	10	0.57
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	10	0.57
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	15	0.57
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	15	0.57
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	18	0.57
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	18	0.57
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	19	0.57
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	19	0.57
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	20	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	20	0.57
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	10	0.57
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	17	0.57
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	13	0.57
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	11	0.57
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	7	0.57
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	6	0.57
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	13	0.57
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	11	0.57
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	11	0.57
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	11	0.57
(1,912)	1:801:A:ALA:HB1	1:802:A:LYS:H	19	0.57
(1,912)	1:801:A:ALA:HB2	1:802:A:LYS:H	19	0.57
(1,912)	1:801:A:ALA:HB3	1:802:A:LYS:H	19	0.57
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	13	0.57
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	18	0.57
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	18	0.57
(1,792)	1:922:A:ARG:HA	1:926:A:LEU:H	13	0.57
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	8	0.57
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	2	0.57
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	2	0.57
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	10	0.57
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	10	0.57
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	15	0.57
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	8	0.57
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	9	0.57
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	5	0.57
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	8	0.57
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	16	0.57
(1,628)	1:895:A:GLU:HA	1:897:A:ILE:H	20	0.57
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	4	0.57
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	4	0.57
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	4	0.57
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	8	0.57
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	8	0.57
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	8	0.57
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	4	0.57
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	18	0.57
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	6	0.57
(1,374)	1:861:A:LEU:HA	1:861:A:LEU:HG	11	0.57
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	1	0.57
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	6	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	9	0.57
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	14	0.57
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	14	0.57
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	7	0.57
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	7	0.57
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	13	0.57
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	15	0.57
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	14	0.57
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	20	0.57
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	20	0.57
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	4	0.57
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	4	0.57
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	8	0.57
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	16	0.57
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	13	0.57
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	7	0.57
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	7	0.57
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	10	0.56
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	10	0.56
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	12	0.56
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	12	0.56
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	17	0.56
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	17	0.56
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	7	0.56
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	7	0.56
(1,3357)	1:909:A:ASN:HB2	1:909:A:ASN:HD22	8	0.56
(1,3357)	1:909:A:ASN:HB3	1:909:A:ASN:HD22	8	0.56
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	5	0.56
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	5	0.56
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	6	0.56
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	6	0.56
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	7	0.56
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	7	0.56
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	20	0.56
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	20	0.56
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	12	0.56
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	12	0.56
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	20	0.56
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	20	0.56
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	20	0.56
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	20	0.56
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	20	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	20	0.56
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	4	0.56
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	4	0.56
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	10	0.56
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	10	0.56
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	17	0.56
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	17	0.56
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	20	0.56
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	20	0.56
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	14	0.56
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	14	0.56
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	6	0.56
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	7	0.56
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	1	0.56
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	1	0.56
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	20	0.56
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	20	0.56
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	15	0.56
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	15	0.56
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	9	0.56
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	18	0.56
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	18	0.56
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	1	0.56
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	3	0.56
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	19	0.56
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	12	0.56
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	1	0.56
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	2	0.56
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	17	0.56
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	20	0.56
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	1	0.56
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	8	0.56
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	15	0.56
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	1	0.56
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	18	0.56
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	9	0.56
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	13	0.56
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	20	0.56
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	20	0.56
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	13	0.56
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	5	0.56
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	8	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	17	0.56
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	13	0.56
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	14	0.56
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD1	6	0.56
(1,2595)	1:845:A:LEU:HD21	1:850:A:PHE:HD2	6	0.56
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD1	6	0.56
(1,2595)	1:845:A:LEU:HD22	1:850:A:PHE:HD2	6	0.56
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD1	6	0.56
(1,2595)	1:845:A:LEU:HD23	1:850:A:PHE:HD2	6	0.56
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	14	0.56
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	14	0.56
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	14	0.56
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	14	0.56
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	1	0.56
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	4	0.56
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	5	0.56
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	7	0.56
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	10	0.56
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	13	0.56
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	19	0.56
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	1	0.56
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	9	0.56
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	11	0.56
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE1	20	0.56
(1,2450)	1:837:A:LEU:HA	1:840:A:PHE:HE2	20	0.56
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	9	0.56
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	4	0.56
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	4	0.56
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	10	0.56
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	10	0.56
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	11	0.56
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	11	0.56
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	18	0.56
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	18	0.56
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	1	0.56
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	1	0.56
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	4	0.56
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	4	0.56
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	7	0.56
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	7	0.56
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	19	0.56
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	19	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	15	0.56
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	15	0.56
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	20	0.56
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	20	0.56
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	4	0.56
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	4	0.56
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	15	0.56
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	15	0.56
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	19	0.56
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	19	0.56
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	16	0.56
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	16	0.56
(1,2293)	1:901:A:PHE:HE2	1:921:A:LYS:HG2	19	0.56
(1,2293)	1:901:A:PHE:HE1	1:921:A:LYS:HG2	19	0.56
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	5	0.56
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	5	0.56
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	11	0.56
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	11	0.56
(1,2242)	1:882:A:PHE:HE2	1:924:A:TYR:HH	15	0.56
(1,2242)	1:882:A:PHE:HE1	1:924:A:TYR:HH	15	0.56
(1,2227)	1:925:A:GLU:HB3	1:926:A:LEU:H	17	0.56
(1,2227)	1:925:A:GLU:HB2	1:926:A:LEU:H	17	0.56
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	4	0.56
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	4	0.56
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	6	0.56
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	6	0.56
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	13	0.56
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	13	0.56
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	12	0.56
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	12	0.56
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	13	0.56
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	13	0.56
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	9	0.56
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	19	0.56
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	9	0.56
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	20	0.56
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	17	0.56
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	17	0.56
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	14	0.56
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	19	0.56
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	20	0.56
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	1	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	1	0.56
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	3	0.56
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	3	0.56
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	15	0.56
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	15	0.56
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	16	0.56
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	1	0.56
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	1	0.56
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	20	0.56
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	20	0.56
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	2	0.56
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	17	0.56
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	19	0.56
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	15	0.56
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	16	0.56
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	1	0.56
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	12	0.56
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	15	0.56
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	6	0.56
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	6	0.56
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	14	0.56
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	14	0.56
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	16	0.56
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	7	0.56
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	20	0.56
(1,1973)	1:902:A:GLU:HB2	1:903:A:ASP:H	9	0.56
(1,1973)	1:902:A:GLU:HB3	1:903:A:ASP:H	9	0.56
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	11	0.56
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	18	0.56
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	17	0.56
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	5	0.56
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	12	0.56
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	6	0.56
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	9	0.56
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	12	0.56
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	16	0.56
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	6	0.56
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	16	0.56
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	19	0.56
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	20	0.56
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	14	0.56
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	8	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	8	0.56
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	10	0.56
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	10	0.56
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	18	0.56
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	18	0.56
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	20	0.56
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	20	0.56
(1,1849)	1:891:A:LYS:HD2	1:892:A:GLY:H	14	0.56
(1,1849)	1:891:A:LYS:HD3	1:892:A:GLY:H	14	0.56
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	10	0.56
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	12	0.56
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	11	0.56
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	5	0.56
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	12	0.56
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	6	0.56
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	18	0.56
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	20	0.56
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	4	0.56
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	4	0.56
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	5	0.56
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	5	0.56
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	6	0.56
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	6	0.56
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	10	0.56
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	1	0.56
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	1	0.56
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	17	0.56
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	17	0.56
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	6	0.56
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	11	0.56
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	18	0.56
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	4	0.56
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	19	0.56
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	5	0.56
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	6	0.56
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	8	0.56
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	10	0.56
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	19	0.56
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	2	0.56
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	9	0.56
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	20	0.56
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	5	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	1	0.56
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	6	0.56
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	11	0.56
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	6	0.56
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	7	0.56
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	12	0.56
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	3	0.56
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	3	0.56
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	7	0.56
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	7	0.56
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	14	0.56
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	14	0.56
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	8	0.56
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	10	0.56
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	1	0.56
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	15	0.56
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	14	0.56
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	12	0.56
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	9	0.56
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	12	0.56
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	2	0.56
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	10	0.56
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	18	0.56
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	1	0.56
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	1	0.56
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	3	0.56
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	3	0.56
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	5	0.56
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	5	0.56
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	5	0.56
(1,1461)	1:854:A:ILE:HA	1:857:A:LEU:H	14	0.56
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB2	11	0.56
(1,1459)	1:857:A:LEU:H	1:861:A:LEU:HB3	11	0.56
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	10	0.56
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	19	0.56
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	5	0.56
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	8	0.56
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	17	0.56
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	2	0.56
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	3	0.56
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	14	0.56
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	6	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	14	0.56
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	15	0.56
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	20	0.56
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	11	0.56
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	10	0.56
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	10	0.56
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	14	0.56
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	4	0.56
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	9	0.56
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	13	0.56
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	1	0.56
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	16	0.56
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	6	0.56
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	4	0.56
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	4	0.56
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	4	0.56
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	8	0.56
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD1	15	0.56
(1,1254)	1:835:A:LYS:H	1:875:A:TYR:HD2	15	0.56
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	20	0.56
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	13	0.56
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	7	0.56
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	11	0.56
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	16	0.56
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	16	0.56
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	9	0.56
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	9	0.56
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	9	0.56
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG2	16	0.56
(1,1102)	1:820:A:LYS:H	1:820:A:LYS:HG3	16	0.56
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	16	0.56
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	1	0.56
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	8	0.56
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	11	0.56
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	13	0.56
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	20	0.56
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	2	0.56
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	8	0.56
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	13	0.56
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	14	0.56
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	2	0.56
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	4	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	9	0.56
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	17	0.56
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	12	0.56
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	2	0.56
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	10	0.56
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	16	0.56
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	6	0.56
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	8	0.56
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	8	0.56
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	11	0.56
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	11	0.56
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD1	12	0.56
(1,986)	1:809:A:PHE:H	1:840:A:PHE:HD2	12	0.56
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	10	0.56
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	4	0.56
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	2	0.56
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	6	0.56
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	6	0.56
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	1	0.56
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	8	0.56
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	9	0.56
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	16	0.56
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	3	0.56
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	16	0.56
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	3	0.56
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	3	0.56
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	20	0.56
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	10	0.56
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	6	0.56
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	17	0.56
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	19	0.56
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	13	0.56
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	6	0.56
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	6	0.56
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	6	0.56
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	16	0.56
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	16	0.56
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	16	0.56
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE1	20	0.56
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE2	20	0.56
(1,550)	1:885:A:MET:HA	1:885:A:MET:HE3	20	0.56
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	6	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	18	0.56
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	2	0.56
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	11	0.56
(1,451)	1:870:A:TYR:HA	1:873:A:LEU:HB3	12	0.56
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	11	0.56
(1,374)	1:861:A:LEU:HA	1:861:A:LEU:HG	17	0.56
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	15	0.56
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	8	0.56
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	20	0.56
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	8	0.56
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	9	0.56
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	11	0.56
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	14	0.56
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	19	0.56
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	7	0.56
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	2	0.56
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	2	0.56
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	5	0.56
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	5	0.56
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	10	0.56
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	10	0.56
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	13	0.56
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	13	0.56
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	1	0.56
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	1	0.56
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	12	0.56
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	12	0.56
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	16	0.56
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	16	0.56
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	1	0.56
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	4	0.56
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	5	0.56
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	18	0.56
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	16	0.56
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	3	0.56
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	9	0.56
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	12	0.56
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	4	0.56
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	7	0.56
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG3	10	0.56
(1,4)	1:798:A:LEU:HA	1:799:A:PRO:HG2	10	0.56
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	20	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	20	0.55
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	5	0.55
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	5	0.55
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	6	0.55
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	6	0.55
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	13	0.55
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	13	0.55
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	14	0.55
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	14	0.55
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	10	0.55
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	10	0.55
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	18	0.55
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	18	0.55
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG2	1	0.55
(1,3327)	1:894:A:LYS:H	1:895:A:GLU:HG3	1	0.55
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB2	8	0.55
(1,3326)	1:894:A:LYS:H	1:895:A:GLU:HB3	8	0.55
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	10	0.55
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	10	0.55
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	10	0.55
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	10	0.55
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	10	0.55
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	10	0.55
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	9	0.55
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	9	0.55
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG2	15	0.55
(1,3297)	1:880:A:GLU:HA	1:880:A:GLU:HG3	15	0.55
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	5	0.55
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	5	0.55
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	6	0.55
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	6	0.55
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	8	0.55
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	8	0.55
(1,3151)	1:842:A:SER:HB2	1:844:A:LYS:H	2	0.55
(1,3151)	1:842:A:SER:HB3	1:844:A:LYS:H	2	0.55
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	6	0.55
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	6	0.55
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	6	0.55
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	6	0.55
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	12	0.55
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	4	0.55
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	4	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD2	18	0.55
(1,3035)	1:802:A:LYS:H	1:803:A:PRO:HD3	18	0.55
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	7	0.55
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	7	0.55
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	4	0.55
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	4	0.55
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	9	0.55
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	4	0.55
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	10	0.55
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	5	0.55
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	18	0.55
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	8	0.55
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	5	0.55
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	3	0.55
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	4	0.55
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	9	0.55
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	9	0.55
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	4	0.55
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	15	0.55
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	3	0.55
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	3	0.55
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	9	0.55
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	19	0.55
(1,2700)	1:855:A:GLN:HB3	1:859:A:ASN:HD21	12	0.55
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	5	0.55
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	5	0.55
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	18	0.55
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	10	0.55
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	10	0.55
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	5	0.55
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	19	0.55
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	19	0.55
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	19	0.55
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	19	0.55
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	2	0.55
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	7	0.55
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	19	0.55
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	20	0.55
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	3	0.55
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	3	0.55
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	4	0.55
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	4	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	11	0.55
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	11	0.55
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	13	0.55
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	13	0.55
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	14	0.55
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	14	0.55
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	17	0.55
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	17	0.55
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	1	0.55
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	1	0.55
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	19	0.55
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	19	0.55
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	3	0.55
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	10	0.55
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	18	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	1	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	1	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	2	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	2	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	3	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	3	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	5	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	5	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	6	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	6	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	7	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	7	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	13	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	13	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	19	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	19	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	20	0.55
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	20	0.55
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	5	0.55
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	12	0.55
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	12	0.55
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	17	0.55
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	17	0.55
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	14	0.55
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	14	0.55
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	18	0.55
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	18	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	1	0.55
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	1	0.55
(1,2271)	1:870:A:TYR:HE2	1:916:A:ASP:HA	2	0.55
(1,2271)	1:870:A:TYR:HE1	1:916:A:ASP:HA	2	0.55
(1,2237)	1:877:A:SER:HA	1:924:A:TYR:HH	5	0.55
(1,2228)	1:926:A:LEU:H	1:926:A:LEU:HG	15	0.55
(1,2226)	1:925:A:GLU:HG2	1:926:A:LEU:H	14	0.55
(1,2226)	1:925:A:GLU:HG3	1:926:A:LEU:H	14	0.55
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	11	0.55
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	17	0.55
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	17	0.55
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	3	0.55
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	14	0.55
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	11	0.55
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	15	0.55
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	6	0.55
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	6	0.55
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	8	0.55
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	8	0.55
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	9	0.55
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	9	0.55
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	17	0.55
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	17	0.55
(1,2140)	1:870:A:TYR:HE2	1:920:A:LEU:H	5	0.55
(1,2140)	1:870:A:TYR:HE1	1:920:A:LEU:H	5	0.55
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	17	0.55
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	13	0.55
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	19	0.55
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	12	0.55
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	3	0.55
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	6	0.55
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	9	0.55
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	7	0.55
(1,2094)	1:914:A:LEU:HA	1:917:A:ILE:H	18	0.55
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	15	0.55
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	15	0.55
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	15	0.55
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	13	0.55
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	11	0.55
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	13	0.55
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	19	0.55
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	1	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	1	0.55
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	5	0.55
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	5	0.55
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	8	0.55
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	8	0.55
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE1	18	0.55
(1,2038)	1:912:A:PHE:H	1:912:A:PHE:HE2	18	0.55
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	4	0.55
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	5	0.55
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	9	0.55
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	2	0.55
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	11	0.55
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	11	0.55
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	20	0.55
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	9	0.55
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	15	0.55
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	13	0.55
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	6	0.55
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	2	0.55
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	2	0.55
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	9	0.55
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	9	0.55
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	18	0.55
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	1	0.55
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	8	0.55
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	9	0.55
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	18	0.55
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	19	0.55
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	19	0.55
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	14	0.55
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	7	0.55
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	7	0.55
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	10	0.55
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	10	0.55
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	13	0.55
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	13	0.55
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	14	0.55
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	14	0.55
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	17	0.55
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	17	0.55
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	18	0.55
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	18	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	19	0.55
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	19	0.55
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	20	0.55
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	20	0.55
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	8	0.55
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	14	0.55
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	17	0.55
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	2	0.55
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	3	0.55
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	4	0.55
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	4	0.55
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	5	0.55
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	13	0.55
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	20	0.55
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	9	0.55
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	5	0.55
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	12	0.55
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	15	0.55
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD1	18	0.55
(1,1584)	1:870:A:TYR:H	1:870:A:TYR:HD2	18	0.55
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	9	0.55
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	17	0.55
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	18	0.55
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	4	0.55
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	13	0.55
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	15	0.55
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	19	0.55
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	9	0.55
(1,1547)	1:864:A:LYS:H	1:865:A:ASP:H	12	0.55
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	10	0.55
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	14	0.55
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	15	0.55
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	9	0.55
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	9	0.55
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	10	0.55
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	10	0.55
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	16	0.55
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	16	0.55
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	17	0.55
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	17	0.55
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	19	0.55
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	19	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1487)	1:859:A:ASN:HA	1:859:A:ASN:HD21	11	0.55
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	17	0.55
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	2	0.55
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	14	0.55
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	16	0.55
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	1	0.55
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	7	0.55
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	14	0.55
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	4	0.55
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	16	0.55
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	14	0.55
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	15	0.55
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	10	0.55
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	2	0.55
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	5	0.55
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	18	0.55
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	6	0.55
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	11	0.55
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	15	0.55
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	3	0.55
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	11	0.55
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	14	0.55
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	6	0.55
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB2	6	0.55
(1,1160)	1:826:A:ALA:H	1:827:A:HIS:HB3	6	0.55
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	3	0.55
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	7	0.55
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	13	0.55
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	15	0.55
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	6	0.55
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	6	0.55
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	10	0.55
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	10	0.55
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	14	0.55
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	14	0.55
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	2	0.55
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	10	0.55
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	7	0.55
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	14	0.55
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	18	0.55
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	13	0.55
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	18	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1046)	1:815:A:ALA:H	1:816:A:LEU:H	15	0.55
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	18	0.55
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	14	0.55
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	11	0.55
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	7	0.55
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	1	0.55
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	2	0.55
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	19	0.55
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	4	0.55
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	4	0.55
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	8	0.55
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	8	0.55
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	5	0.55
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB2	5	0.55
(1,889)	1:798:A:LEU:H	1:798:A:LEU:HB3	5	0.55
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	3	0.55
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	11	0.55
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	18	0.55
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	13	0.55
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	2	0.55
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	19	0.55
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	3	0.55
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	3	0.55
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	3	0.55
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	11	0.55
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	11	0.55
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	12	0.55
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	12	0.55
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	16	0.55
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	18	0.55
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	15	0.55
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	16	0.55
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	3	0.55
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	1	0.55
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	4	0.55
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	19	0.55
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	9	0.55
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	9	0.55
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	8	0.55
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	3	0.55
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	7	0.55
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	7	0.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	7	0.55
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	7	0.55
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	7	0.55
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	7	0.55
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	14	0.55
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	10	0.55
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	10	0.55
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	13	0.55
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	13	0.55
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	17	0.55
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	17	0.55
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	11	0.55
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	17	0.55
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	5	0.55
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	4	0.55
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	9	0.55
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	10	0.55
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	7	0.55
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	14	0.55
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	6	0.54
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	6	0.54
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	7	0.54
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	7	0.54
(1,3355)	1:908:A:PRO:HB2	1:909:A:ASN:H	20	0.54
(1,3355)	1:908:A:PRO:HB3	1:909:A:ASN:H	20	0.54
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	20	0.54
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	20	0.54
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	8	0.54
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	8	0.54
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	11	0.54
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	11	0.54
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	15	0.54
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	15	0.54
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	18	0.54
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	18	0.54
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	7	0.54
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	7	0.54
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	4	0.54
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	10	0.54
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	4	0.54
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	4	0.54
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	4	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	5	0.54
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	5	0.54
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	5	0.54
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	7	0.54
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	7	0.54
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	15	0.54
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	15	0.54
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG2	20	0.54
(1,3157)	1:844:A:LYS:HA	1:844:A:LYS:HG3	20	0.54
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	19	0.54
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	19	0.54
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	19	0.54
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	19	0.54
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	7	0.54
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	13	0.54
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	13	0.54
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	3	0.54
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	3	0.54
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	10	0.54
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	10	0.54
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	5	0.54
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	18	0.54
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	5	0.54
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	17	0.54
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	3	0.54
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	10	0.54
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	13	0.54
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	20	0.54
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	18	0.54
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	6	0.54
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	1	0.54
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	18	0.54
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD1	4	0.54
(1,2701)	1:834:A:PRO:HB3	1:875:A:TYR:HD2	4	0.54
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	16	0.54
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	16	0.54
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	11	0.54
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	11	0.54
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	5	0.54
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	1	0.54
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	1	0.54
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	2	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	2	0.54
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	5	0.54
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	5	0.54
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	9	0.54
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	9	0.54
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	13	0.54
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	13	0.54
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	16	0.54
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	16	0.54
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	20	0.54
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	20	0.54
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	14	0.54
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	19	0.54
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	20	0.54
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	7	0.54
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	11	0.54
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	14	0.54
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	15	0.54
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	18	0.54
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	2	0.54
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	15	0.54
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	1	0.54
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	1	0.54
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	9	0.54
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	9	0.54
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	10	0.54
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	10	0.54
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	12	0.54
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	12	0.54
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	19	0.54
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	19	0.54
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	16	0.54
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	19	0.54
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	9	0.54
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	9	0.54
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	12	0.54
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	12	0.54
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	16	0.54
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	16	0.54
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	17	0.54
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	17	0.54
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	7	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	7	0.54
(1,2406)	1:867:A:SER:HA	1:911:A:HIS:HD2	5	0.54
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	6	0.54
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	6	0.54
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	17	0.54
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	17	0.54
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	9	0.54
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	9	0.54
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	11	0.54
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	11	0.54
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	13	0.54
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	13	0.54
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	2	0.54
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	2	0.54
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	2	0.54
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	2	0.54
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	5	0.54
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	5	0.54
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	8	0.54
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	8	0.54
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE1	10	0.54
(1,2341)	1:875:A:TYR:HA	1:875:A:TYR:HE2	10	0.54
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	3	0.54
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	3	0.54
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	6	0.54
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	6	0.54
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	7	0.54
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	7	0.54
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	11	0.54
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	11	0.54
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	18	0.54
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	18	0.54
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	4	0.54
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	4	0.54
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	11	0.54
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	11	0.54
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	4	0.54
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	4	0.54
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	3	0.54
(1,2225)	1:924:A:TYR:HB3	1:926:A:LEU:H	5	0.54
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	1	0.54
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	1	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	13	0.54
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	6	0.54
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	14	0.54
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	8	0.54
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	14	0.54
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	1	0.54
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	14	0.54
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	15	0.54
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	6	0.54
(1,2163)	1:901:A:PHE:HD2	1:921:A:LYS:H	7	0.54
(1,2163)	1:901:A:PHE:HD1	1:921:A:LYS:H	7	0.54
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	6	0.54
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	16	0.54
(1,2108)	1:918:A:GLN:HE21	1:921:A:LYS:HG2	4	0.54
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	1	0.54
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	13	0.54
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	5	0.54
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	5	0.54
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	2	0.54
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	1	0.54
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	16	0.54
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	1	0.54
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	3	0.54
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	3	0.54
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	11	0.54
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	14	0.54
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	5	0.54
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	9	0.54
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	20	0.54
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	14	0.54
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	17	0.54
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	7	0.54
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	15	0.54
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	1	0.54
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	1	0.54
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	5	0.54
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	10	0.54
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	19	0.54
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	2	0.54
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	1	0.54
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	1	0.54
(1,1867)	1:894:A:LYS:H	1:895:A:GLU:H	19	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	18	0.54
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	5	0.54
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	9	0.54
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	4	0.54
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	14	0.54
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	1	0.54
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	11	0.54
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	15	0.54
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	5	0.54
(1,1795)	1:885:A:MET:HG3	1:886:A:LEU:H	6	0.54
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	17	0.54
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	1	0.54
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	8	0.54
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	11	0.54
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	20	0.54
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	11	0.54
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	15	0.54
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	20	0.54
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	5	0.54
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	3	0.54
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	10	0.54
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	1	0.54
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	1	0.54
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	2	0.54
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	2	0.54
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	9	0.54
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	9	0.54
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	11	0.54
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	11	0.54
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	16	0.54
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	16	0.54
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	4	0.54
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	20	0.54
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	10	0.54
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	14	0.54
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	20	0.54
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	20	0.54
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	2	0.54
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	20	0.54
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	20	0.54
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	7	0.54
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	9	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	11	0.54
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	14	0.54
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	18	0.54
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	7	0.54
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	2	0.54
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	1	0.54
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	4	0.54
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	16	0.54
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	11	0.54
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	10	0.54
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	13	0.54
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	8	0.54
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	11	0.54
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	14	0.54
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	3	0.54
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	13	0.54
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	15	0.54
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	15	0.54
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	4	0.54
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	4	0.54
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	12	0.54
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	12	0.54
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	13	0.54
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	13	0.54
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	15	0.54
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	15	0.54
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	12	0.54
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	15	0.54
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	20	0.54
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	3	0.54
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	10	0.54
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	6	0.54
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	9	0.54
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	1	0.54
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	19	0.54
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	9	0.54
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	1	0.54
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	10	0.54
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	10	0.54
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	16	0.54
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	1	0.54
(1,1296)	1:840:A:PHE:H	1:842:A:SER:H	12	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	9	0.54
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	20	0.54
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	12	0.54
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	8	0.54
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	9	0.54
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	14	0.54
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	14	0.54
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	15	0.54
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	1	0.54
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	4	0.54
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	5	0.54
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	5	0.54
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	8	0.54
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	8	0.54
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	20	0.54
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	10	0.54
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	2	0.54
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	10	0.54
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	20	0.54
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	2	0.54
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	3	0.54
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	10	0.54
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	15	0.54
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	3	0.54
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	12	0.54
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	13	0.54
(1,1008)	1:810:A:GLY:H	1:811:A:GLN:H	16	0.54
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	20	0.54
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	1	0.54
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	8	0.54
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	9	0.54
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	12	0.54
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	5	0.54
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	5	0.54
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	20	0.54
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	11	0.54
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	13	0.54
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	13	0.54
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	13	0.54
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	13	0.54
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	13	0.54
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	13	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	8	0.54
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	10	0.54
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	11	0.54
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	16	0.54
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	14	0.54
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	20	0.54
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	3	0.54
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	18	0.54
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	20	0.54
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	13	0.54
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	14	0.54
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	7	0.54
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	4	0.54
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	13	0.54
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	5	0.54
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	5	0.54
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	12	0.54
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	15	0.54
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	1	0.54
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	13	0.54
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	17	0.54
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	5	0.54
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	9	0.54
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	17	0.54
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	17	0.54
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	6	0.54
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	12	0.54
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	12	0.54
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	3	0.54
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	3	0.54
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	5	0.54
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	5	0.54
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	3	0.54
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	4	0.54
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	19	0.54
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	5	0.54
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	15	0.54
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	2	0.54
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	13	0.54
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	19	0.54
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	1	0.54
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	1	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	5	0.54
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	17	0.54
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	1	0.53
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	1	0.53
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	13	0.53
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	13	0.53
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	10	0.53
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	10	0.53
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	19	0.53
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	19	0.53
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	12	0.53
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	12	0.53
(1,3344)	1:899:A:GLN:HG3	1:900:A:LEU:H	14	0.53
(1,3344)	1:899:A:GLN:HG2	1:900:A:LEU:H	14	0.53
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	5	0.53
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	5	0.53
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	10	0.53
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	10	0.53
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	13	0.53
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	13	0.53
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	19	0.53
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	19	0.53
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	4	0.53
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	4	0.53
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	4	0.53
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	4	0.53
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	4	0.53
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	4	0.53
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE1	9	0.53
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE2	9	0.53
(1,3313)	1:884:A:MET:HG2	1:885:A:MET:HE3	9	0.53
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE1	9	0.53
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE2	9	0.53
(1,3313)	1:884:A:MET:HG3	1:885:A:MET:HE3	9	0.53
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	11	0.53
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	11	0.53
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	18	0.53
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	18	0.53
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD2	18	0.53
(1,3299)	1:881:A:ARG:H	1:881:A:ARG:HD3	18	0.53
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	2	0.53
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	5	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	4	0.53
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	4	0.53
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	11	0.53
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	1	0.53
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	1	0.53
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	10	0.53
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	10	0.53
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	12	0.53
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	12	0.53
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	4	0.53
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	4	0.53
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	16	0.53
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	16	0.53
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	16	0.53
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	5	0.53
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	5	0.53
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	4	0.53
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	4	0.53
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	13	0.53
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	13	0.53
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	12	0.53
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	16	0.53
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD3	17	0.53
(1,2919)	1:922:A:ARG:HA	1:922:A:ARG:HD2	17	0.53
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	4	0.53
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	11	0.53
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	19	0.53
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	10	0.53
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	20	0.53
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	6	0.53
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	11	0.53
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	19	0.53
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	2	0.53
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	14	0.53
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	20	0.53
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	5	0.53
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	5	0.53
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	16	0.53
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	16	0.53
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	17	0.53
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	4	0.53
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	4	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	6	0.53
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	6	0.53
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	10	0.53
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	10	0.53
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	18	0.53
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	18	0.53
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	19	0.53
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	19	0.53
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	11	0.53
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	12	0.53
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	15	0.53
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	3	0.53
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	12	0.53
(1,2480)	1:895:A:GLU:HG3	1:896:A:LEU:H	14	0.53
(1,2453)	1:850:A:PHE:HE1	1:886:A:LEU:HA	5	0.53
(1,2453)	1:850:A:PHE:HE2	1:886:A:LEU:HA	5	0.53
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	2	0.53
(1,2434)	1:915:A:GLU:HA	1:917:A:ILE:H	15	0.53
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	14	0.53
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE1	14	0.53
(1,2417)	1:840:A:PHE:HA	1:840:A:PHE:HE2	14	0.53
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE1	15	0.53
(1,2413)	1:905:A:SER:HA	1:912:A:PHE:HE2	15	0.53
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	1	0.53
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	1	0.53
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	5	0.53
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	5	0.53
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	16	0.53
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	16	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	1	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	1	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	2	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	2	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	4	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	4	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	5	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	5	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	8	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	8	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	9	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	9	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	10	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	10	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	12	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	12	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	13	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	13	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	14	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	14	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	15	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	15	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	16	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	16	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	17	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	17	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	19	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	19	0.53
(1,2326)	1:882:A:PHE:HD1	1:882:A:PHE:HZ	20	0.53
(1,2326)	1:882:A:PHE:HD2	1:882:A:PHE:HZ	20	0.53
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD1	10	0.53
(1,2304)	1:870:A:TYR:HD1	1:912:A:PHE:HD2	10	0.53
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD1	10	0.53
(1,2304)	1:870:A:TYR:HD2	1:912:A:PHE:HD2	10	0.53
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	2	0.53
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	2	0.53
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	13	0.53
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	13	0.53
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	9	0.53
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	3	0.53
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	3	0.53
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	7	0.53
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	7	0.53
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	15	0.53
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	15	0.53
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	16	0.53
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	4	0.53
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	16	0.53
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	6	0.53
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	17	0.53
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	2	0.53
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	7	0.53
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	13	0.53
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	16	0.53
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	16	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	19	0.53
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	7	0.53
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	3	0.53
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	3	0.53
(1,2134)	1:918:A:GLN:H	1:919:A:ALA:H	10	0.53
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	17	0.53
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	14	0.53
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	5	0.53
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	4	0.53
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	12	0.53
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	6	0.53
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	18	0.53
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	8	0.53
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	5	0.53
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	19	0.53
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	5	0.53
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	6	0.53
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	11	0.53
(1,2015)	1:909:A:ASN:H	1:909:A:ASN:HB2	10	0.53
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	15	0.53
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	7	0.53
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	8	0.53
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	12	0.53
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	6	0.53
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	19	0.53
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	10	0.53
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	15	0.53
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	13	0.53
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	16	0.53
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	20	0.53
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	15	0.53
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	17	0.53
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	1	0.53
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	20	0.53
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	8	0.53
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	11	0.53
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	12	0.53
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	2	0.53
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	7	0.53
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	12	0.53
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	16	0.53
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	17	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	17	0.53
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	5	0.53
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	11	0.53
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	11	0.53
(1,1855)	1:893:A:GLN:H	1:895:A:GLU:H	19	0.53
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	1	0.53
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	8	0.53
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	8	0.53
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	10	0.53
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	15	0.53
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	2	0.53
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	2	0.53
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	19	0.53
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	19	0.53
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	6	0.53
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	6	0.53
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	2	0.53
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	4	0.53
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	6	0.53
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	18	0.53
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	19	0.53
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	20	0.53
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	4	0.53
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	16	0.53
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	12	0.53
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	4	0.53
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	10	0.53
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	16	0.53
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	17	0.53
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	8	0.53
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	8	0.53
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	12	0.53
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	12	0.53
(1,1758)	1:882:A:PHE:HE2	1:883:A:LYS:H	15	0.53
(1,1758)	1:882:A:PHE:HE1	1:883:A:LYS:H	15	0.53
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	15	0.53
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	1	0.53
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	13	0.53
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	6	0.53
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	8	0.53
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	14	0.53
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	18	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	13	0.53
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	20	0.53
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	8	0.53
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	15	0.53
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	7	0.53
(1,1602)	1:871:A:GLN:HA	1:871:A:GLN:HE22	9	0.53
(1,1581)	1:870:A:TYR:H	1:871:A:GLN:H	1	0.53
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	13	0.53
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	13	0.53
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	19	0.53
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	16	0.53
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	7	0.53
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	19	0.53
(1,1532)	1:860:A:ASN:HA	1:864:A:LYS:H	2	0.53
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	17	0.53
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	8	0.53
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	11	0.53
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	7	0.53
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	4	0.53
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	1	0.53
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	2	0.53
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	2	0.53
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	7	0.53
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	7	0.53
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	8	0.53
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	8	0.53
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	18	0.53
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	18	0.53
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	20	0.53
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	20	0.53
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	14	0.53
(1,1478)	1:856:A:SER:HA	1:859:A:ASN:H	3	0.53
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	1	0.53
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	17	0.53
(1,1449)	1:856:A:SER:H	1:856:A:SER:HB3	5	0.53
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	3	0.53
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	13	0.53
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	12	0.53
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	4	0.53
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	10	0.53
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	11	0.53
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	15	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	10	0.53
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	3	0.53
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	5	0.53
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	19	0.53
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	19	0.53
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	9	0.53
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	19	0.53
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	9	0.53
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	10	0.53
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	5	0.53
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	8	0.53
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	13	0.53
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	19	0.53
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	15	0.53
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	14	0.53
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	11	0.53
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	16	0.53
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	2	0.53
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	11	0.53
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	19	0.53
(1,1206)	1:830:A:ALA:H	1:861:A:LEU:HG	5	0.53
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	10	0.53
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	15	0.53
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	8	0.53
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	14	0.53
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	7	0.53
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	10	0.53
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	18	0.53
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	19	0.53
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	4	0.53
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	4	0.53
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	3	0.53
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	12	0.53
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	11	0.53
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	1	0.53
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	2	0.53
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	18	0.53
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	5	0.53
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	4	0.53
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	7	0.53
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	20	0.53
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	20	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	5	0.53
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	1	0.53
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	5	0.53
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	3	0.53
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	3	0.53
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	3	0.53
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	3	0.53
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	3	0.53
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	3	0.53
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	11	0.53
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	11	0.53
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	11	0.53
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	11	0.53
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	11	0.53
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	11	0.53
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	8	0.53
(1,791)	1:922:A:ARG:HA	1:924:A:TYR:H	6	0.53
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	18	0.53
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	14	0.53
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	3	0.53
(1,727)	1:914:A:LEU:HA	1:914:A:LEU:HG	14	0.53
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	7	0.53
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	11	0.53
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	12	0.53
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	15	0.53
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	10	0.53
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	19	0.53
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	15	0.53
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	15	0.53
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	2	0.53
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	8	0.53
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	3	0.53
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	9	0.53
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	10	0.53
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	18	0.53
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	12	0.53
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	13	0.53
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	2	0.53
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	11	0.53
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	2	0.53
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	3	0.53
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	16	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	1	0.53
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	8	0.53
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	8	0.53
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	8	0.53
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	8	0.53
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	8	0.53
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	8	0.53
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD2	6	0.53
(1,128)	1:818:A:THR:HB	1:819:A:ARG:HD3	6	0.53
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	4	0.53
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	4	0.53
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	11	0.53
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	14	0.53
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	3	0.53
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	1	0.53
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	12	0.53
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	11	0.53
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	12	0.53
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	2	0.52
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	2	0.52
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	7	0.52
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	7	0.52
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	3	0.52
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	3	0.52
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	6	0.52
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	6	0.52
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	12	0.52
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	12	0.52
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	20	0.52
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	20	0.52
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	6	0.52
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	6	0.52
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	20	0.52
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	20	0.52
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	3	0.52
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	3	0.52
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	2	0.52
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	2	0.52
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	5	0.52
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	5	0.52
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	6	0.52
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	6	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	17	0.52
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	17	0.52
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	19	0.52
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	19	0.52
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG3	4	0.52
(1,3322)	1:891:A:LYS:HA	1:891:A:LYS:HG2	4	0.52
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	12	0.52
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	12	0.52
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG2	10	0.52
(1,3296)	1:880:A:GLU:H	1:880:A:GLU:HG3	10	0.52
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	1	0.52
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	15	0.52
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	1	0.52
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	2	0.52
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	4	0.52
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	7	0.52
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	13	0.52
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	14	0.52
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	16	0.52
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	6	0.52
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	6	0.52
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	2	0.52
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	2	0.52
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	19	0.52
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	19	0.52
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	18	0.52
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	18	0.52
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	14	0.52
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	14	0.52
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	14	0.52
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	14	0.52
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	9	0.52
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	9	0.52
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	17	0.52
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	17	0.52
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	5	0.52
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	11	0.52
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	6	0.52
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	6	0.52
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	14	0.52
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	7	0.52
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	19	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	15	0.52
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	6	0.52
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	9	0.52
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	11	0.52
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	17	0.52
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	1	0.52
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	13	0.52
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	3	0.52
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	3	0.52
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	9	0.52
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	9	0.52
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	13	0.52
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	13	0.52
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	4	0.52
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	4	0.52
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	13	0.52
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	13	0.52
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	8	0.52
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	8	0.52
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	11	0.52
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	11	0.52
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	14	0.52
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	14	0.52
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	10	0.52
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	16	0.52
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	17	0.52
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	5	0.52
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	16	0.52
(1,2570)	1:829:A:LEU:H	1:831:A:ILE:HG12	14	0.52
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	2	0.52
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	8	0.52
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	16	0.52
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	16	0.52
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	3	0.52
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	18	0.52
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	17	0.52
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	6	0.52
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	2	0.52
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	4	0.52
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	6	0.52
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	18	0.52
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	14	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	2	0.52
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	2	0.52
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	6	0.52
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	6	0.52
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	15	0.52
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	15	0.52
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	8	0.52
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	8	0.52
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	10	0.52
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	10	0.52
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	6	0.52
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	6	0.52
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE1	7	0.52
(1,2386)	1:807:A:TYR:HA	1:807:A:TYR:HE2	7	0.52
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	13	0.52
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	13	0.52
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	15	0.52
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	15	0.52
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	5	0.52
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	5	0.52
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	1	0.52
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	12	0.52
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	13	0.52
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	17	0.52
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	19	0.52
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	3	0.52
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	12	0.52
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	4	0.52
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	6	0.52
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	14	0.52
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	14	0.52
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	16	0.52
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	16	0.52
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	17	0.52
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	17	0.52
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	19	0.52
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	19	0.52
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	14	0.52
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	3	0.52
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	14	0.52
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	4	0.52
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	20	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	5	0.52
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	10	0.52
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	14	0.52
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	2	0.52
(1,2062)	1:913:A:THR:HB	1:914:A:LEU:H	5	0.52
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	10	0.52
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	7	0.52
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	13	0.52
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	14	0.52
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	20	0.52
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	19	0.52
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	17	0.52
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	12	0.52
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	14	0.52
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	6	0.52
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	13	0.52
(1,1929)	1:899:A:GLN:HB2	1:900:A:LEU:H	14	0.52
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	20	0.52
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	13	0.52
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	2	0.52
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	5	0.52
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	19	0.52
(1,1892)	1:896:A:LEU:H	1:896:A:LEU:HB2	3	0.52
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	6	0.52
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	8	0.52
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	12	0.52
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD2	13	0.52
(1,1871)	1:894:A:LYS:H	1:894:A:LYS:HD3	13	0.52
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	6	0.52
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	6	0.52
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	6	0.52
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	6	0.52
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	12	0.52
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	12	0.52
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	20	0.52
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	20	0.52
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	19	0.52
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	19	0.52
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	2	0.52
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	9	0.52
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	18	0.52
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	19	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	17	0.52
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	9	0.52
(1,1757)	1:883:A:LYS:H	1:884:A:MET:H	12	0.52
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	18	0.52
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	18	0.52
(1,1726)	1:878:A:LYS:H	1:879:A:ALA:H	2	0.52
(1,1717)	1:838:A:PRO:HB3	1:879:A:ALA:H	5	0.52
(1,1700)	1:876:A:LEU:HA	1:878:A:LYS:H	9	0.52
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	1	0.52
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	2	0.52
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	12	0.52
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	4	0.52
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	7	0.52
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	13	0.52
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	3	0.52
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	11	0.52
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	2	0.52
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	11	0.52
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	9	0.52
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	13	0.52
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	13	0.52
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	17	0.52
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	19	0.52
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	8	0.52
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	19	0.52
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	8	0.52
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	10	0.52
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	20	0.52
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	10	0.52
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	19	0.52
(1,1407)	1:904:A:LEU:H	1:904:A:LEU:HG	3	0.52
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	8	0.52
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	9	0.52
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	10	0.52
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	14	0.52
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	20	0.52
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	7	0.52
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	20	0.52
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	11	0.52
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	1	0.52
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	7	0.52
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	7	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	2	0.52
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	4	0.52
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	1	0.52
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	1	0.52
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	3	0.52
(1,1232)	1:831:A:ILE:HG13	1:832:A:THR:H	17	0.52
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	3	0.52
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	10	0.52
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	8	0.52
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	7	0.52
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	2	0.52
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	13	0.52
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	20	0.52
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	4	0.52
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	5	0.52
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	11	0.52
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	17	0.52
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	18	0.52
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	3	0.52
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	3	0.52
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	16	0.52
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	16	0.52
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	2	0.52
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	16	0.52
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	18	0.52
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	5	0.52
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	6	0.52
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	9	0.52
(1,1065)	1:856:A:SER:H	1:856:A:SER:HB2	12	0.52
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	17	0.52
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	1	0.52
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	5	0.52
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	17	0.52
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	15	0.52
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	20	0.52
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	1	0.52
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	4	0.52
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	11	0.52
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	14	0.52
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	15	0.52
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	14	0.52
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	8	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	8	0.52
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	9	0.52
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	1	0.52
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	1	0.52
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	8	0.52
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	8	0.52
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	11	0.52
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	11	0.52
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	16	0.52
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	16	0.52
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	20	0.52
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	20	0.52
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	3	0.52
(1,673)	1:898:A:GLU:HA	1:900:A:LEU:H	9	0.52
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	8	0.52
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	4	0.52
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	9	0.52
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	8	0.52
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	15	0.52
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	12	0.52
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	12	0.52
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	19	0.52
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	15	0.52
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	11	0.52
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	7	0.52
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	12	0.52
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	18	0.52
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	20	0.52
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	12	0.52
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	6	0.52
(1,243)	1:836:A:ASP:HA	1:839:A:MET:HB2	9	0.52
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	12	0.52
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	6	0.52
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	5	0.52
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG2	12	0.52
(1,127)	1:819:A:ARG:HA	1:820:A:LYS:HG3	12	0.52
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	7	0.52
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	15	0.52
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	19	0.52
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	20	0.52
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	7	0.52
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	8	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	14	0.52
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	14	0.52
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	15	0.52
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	10	0.51
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	10	0.51
(1,3392)	1:922:A:ARG:HG2	1:923:A:GLN:H	12	0.51
(1,3392)	1:922:A:ARG:HG3	1:923:A:GLN:H	12	0.51
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	16	0.51
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	16	0.51
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	1	0.51
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	1	0.51
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	9	0.51
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	9	0.51
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	10	0.51
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	10	0.51
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	13	0.51
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	13	0.51
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	16	0.51
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	16	0.51
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	12	0.51
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	12	0.51
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	8	0.51
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	8	0.51
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	15	0.51
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	15	0.51
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	14	0.51
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	14	0.51
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	14	0.51
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	14	0.51
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD23	8	0.51
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD21	8	0.51
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD22	8	0.51
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	9	0.51
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	9	0.51
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	19	0.51
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	19	0.51
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	3	0.51
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	9	0.51
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	12	0.51
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	15	0.51
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	17	0.51
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	18	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	18	0.51
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	18	0.51
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	4	0.51
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	4	0.51
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	14	0.51
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	14	0.51
(1,3166)	1:847:A:GLY:HA2	1:849:A:THR:H	15	0.51
(1,3166)	1:847:A:GLY:HA3	1:849:A:THR:H	15	0.51
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	14	0.51
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	14	0.51
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	14	0.51
(1,3110)	1:832:A:THR:HB	1:837:A:LEU:CG	20	0.51
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	9	0.51
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	9	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	3	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	3	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	5	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	5	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	8	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	8	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	11	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	11	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	13	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	13	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	15	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	15	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	16	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	16	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	18	0.51
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	18	0.51
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	20	0.51
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	9	0.51
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	7	0.51
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD2	4	0.51
(1,2973)	1:883:A:LYS:H	1:883:A:LYS:HD3	4	0.51
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	7	0.51
(1,2949)	1:900:A:LEU:HA	1:903:A:ASP:H	1	0.51
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	19	0.51
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	1	0.51
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	16	0.51
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	3	0.51
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	20	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	8	0.51
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	15	0.51
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	9	0.51
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	15	0.51
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	18	0.51
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	6	0.51
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	6	0.51
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	8	0.51
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	8	0.51
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	17	0.51
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	17	0.51
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	18	0.51
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	18	0.51
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	8	0.51
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	8	0.51
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	15	0.51
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	15	0.51
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	3	0.51
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	3	0.51
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	7	0.51
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	7	0.51
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	15	0.51
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	15	0.51
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	17	0.51
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	17	0.51
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	11	0.51
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	18	0.51
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	5	0.51
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	5	0.51
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	4	0.51
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	15	0.51
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	17	0.51
(1,2518)	1:807:A:TYR:HD1	1:811:A:GLN:HG2	17	0.51
(1,2518)	1:807:A:TYR:HD2	1:811:A:GLN:HG2	17	0.51
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	13	0.51
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	17	0.51
(1,2462)	1:850:A:PHE:HB3	1:852:A:LEU:H	18	0.51
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	2	0.51
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	7	0.51
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	16	0.51
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	6	0.51
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	6	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	5	0.51
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	5	0.51
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	17	0.51
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	17	0.51
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE1	14	0.51
(1,2402)	1:804:A:ASN:HA	1:840:A:PHE:HE2	14	0.51
(1,2273)	1:870:A:TYR:HE2	1:871:A:GLN:HA	17	0.51
(1,2273)	1:870:A:TYR:HE1	1:871:A:GLN:HA	17	0.51
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	19	0.51
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	7	0.51
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	6	0.51
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	6	0.51
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	8	0.51
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	8	0.51
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	15	0.51
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	1	0.51
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	3	0.51
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	15	0.51
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	19	0.51
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	18	0.51
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	5	0.51
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	5	0.51
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	7	0.51
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	7	0.51
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	12	0.51
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	12	0.51
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	18	0.51
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	18	0.51
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	12	0.51
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	14	0.51
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	19	0.51
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	7	0.51
(1,2101)	1:918:A:GLN:H	1:918:A:GLN:HB2	10	0.51
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	3	0.51
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	9	0.51
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	10	0.51
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	5	0.51
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	3	0.51
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	3	0.51
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	4	0.51
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	3	0.51
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	10	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	3	0.51
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	20	0.51
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	13	0.51
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	14	0.51
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	5	0.51
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	16	0.51
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	8	0.51
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	11	0.51
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	3	0.51
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	8	0.51
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	18	0.51
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	2	0.51
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	4	0.51
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	4	0.51
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	14	0.51
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	8	0.51
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	9	0.51
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	9	0.51
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	7	0.51
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	19	0.51
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	3	0.51
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	10	0.51
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	14	0.51
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	8	0.51
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	13	0.51
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	1	0.51
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	3	0.51
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	20	0.51
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	4	0.51
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	13	0.51
(1,1664)	1:876:A:LEU:H	1:877:A:SER:HG	15	0.51
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	4	0.51
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	11	0.51
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	4	0.51
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	5	0.51
(1,1628)	1:872:A:HIS:HB3	1:873:A:LEU:H	6	0.51
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	18	0.51
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	12	0.51
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	17	0.51
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	3	0.51
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	17	0.51
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	5	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	9	0.51
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	15	0.51
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	14	0.51
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	9	0.51
(1,1532)	1:860:A:ASN:HA	1:864:A:LYS:H	18	0.51
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	2	0.51
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	5	0.51
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	8	0.51
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	6	0.51
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	6	0.51
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	17	0.51
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	5	0.51
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	12	0.51
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	3	0.51
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	12	0.51
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	17	0.51
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	16	0.51
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	14	0.51
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	2	0.51
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	4	0.51
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	17	0.51
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	5	0.51
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	17	0.51
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	16	0.51
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	9	0.51
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	11	0.51
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	18	0.51
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	1	0.51
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	10	0.51
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	1	0.51
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	1	0.51
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	17	0.51
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	17	0.51
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	18	0.51
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	9	0.51
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	12	0.51
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	15	0.51
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	11	0.51
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	20	0.51
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	3	0.51
(1,1140)	1:824:A:ALA:H	1:825:A:CYS:H	12	0.51
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	4	0.51
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	7	0.51
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	7	0.51
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	18	0.51
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	18	0.51
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	14	0.51
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	12	0.51
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	19	0.51
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	19	0.51
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	1	0.51
(1,1092)	1:817:A:SER:H	1:818:A:THR:H	17	0.51
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	11	0.51
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	18	0.51
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	11	0.51
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	16	0.51
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	10	0.51
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	11	0.51
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	1	0.51
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	4	0.51
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	5	0.51
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	6	0.51
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	14	0.51
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	18	0.51
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	19	0.51
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	12	0.51
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	8	0.51
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	1	0.51
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	20	0.51
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	4	0.51
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	9	0.51
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	18	0.51
(1,968)	1:807:A:TYR:HD1	1:808:A:GLU:H	8	0.51
(1,968)	1:807:A:TYR:HD2	1:808:A:GLU:H	8	0.51
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	16	0.51
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	18	0.51
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	18	0.51
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	19	0.51
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	19	0.51
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	2	0.51
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	13	0.51
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	1	0.51
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	17	0.51
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	10	0.51
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	16	0.51
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	7	0.51
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	5	0.51
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	5	0.51
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	17	0.51
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	17	0.51
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	17	0.51
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	5	0.51
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	2	0.51
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	1	0.51
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	12	0.51
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	4	0.51
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	4	0.51
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	10	0.51
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	11	0.51
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	13	0.51
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	18	0.51
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	18	0.51
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	7	0.51
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	11	0.51
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	1	0.51
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	8	0.51
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	4	0.51
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	17	0.51
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	2	0.51
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	6	0.51
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	20	0.51
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	10	0.51
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	7	0.51
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	8	0.51
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	18	0.51
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	1	0.51
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	15	0.51
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	20	0.51
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	1	0.51
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	1	0.51
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	1	0.51
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	1	0.51
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	1	0.51
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	12	0.51
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	17	0.51
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	5	0.51
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	8	0.51
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	17	0.51
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	13	0.51
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	13	0.51
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	1	0.51
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	3	0.51
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	2	0.5
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	2	0.5
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	3	0.5
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	3	0.5
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	4	0.5
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	4	0.5
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	11	0.5
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	11	0.5
(1,3354)	1:906:A:ASP:HB2	1:907:A:THR:H	5	0.5
(1,3354)	1:906:A:ASP:HB3	1:907:A:THR:H	5	0.5
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	3	0.5
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	3	0.5
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG2	15	0.5
(1,3311)	1:884:A:MET:H	1:884:A:MET:HG3	15	0.5
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD2	18	0.5
(1,3298)	1:880:A:GLU:HB3	1:881:A:ARG:HD3	18	0.5
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD2	18	0.5
(1,3298)	1:880:A:GLU:HB2	1:881:A:ARG:HD3	18	0.5
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	18	0.5
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	13	0.5
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	13	0.5
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	14	0.5
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	14	0.5
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	10	0.5
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	19	0.5
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	20	0.5
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	3	0.5
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	3	0.5
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	3	0.5
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	15	0.5
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	15	0.5
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	15	0.5
(1,3103)	1:829:A:LEU:HD11	1:857:A:LEU:CG	11	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3103)	1:829:A:LEU:HD12	1:857:A:LEU:CG	11	0.5
(1,3103)	1:829:A:LEU:HD13	1:857:A:LEU:CG	11	0.5
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	7	0.5
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	18	0.5
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	6	0.5
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	4	0.5
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	4	0.5
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	4	0.5
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	4	0.5
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	4	0.5
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	4	0.5
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB2	10	0.5
(1,3025)	1:797:A:LYS:H	1:797:A:LYS:HB3	10	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	1	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	1	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	2	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	2	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	4	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	4	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	6	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	6	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	7	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	7	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	10	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	10	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	12	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	12	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	17	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	17	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	19	0.5
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	19	0.5
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	6	0.5
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	1	0.5
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	14	0.5
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	10	0.5
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	6	0.5
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	15	0.5
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	18	0.5
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	11	0.5
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	2	0.5
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	1	0.5
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	11	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	16	0.5
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	10	0.5
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	10	0.5
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	16	0.5
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	16	0.5
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	18	0.5
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	1	0.5
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	3	0.5
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	8	0.5
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	11	0.5
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	11	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	2	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	2	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	3	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	3	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	6	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	6	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	10	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	10	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	14	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	14	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	18	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	18	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	20	0.5
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	20	0.5
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	11	0.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	3	0.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	3	0.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	5	0.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	5	0.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	13	0.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	13	0.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	16	0.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	16	0.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	18	0.5
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	18	0.5
(1,2655)	1:901:A:PHE:HD2	1:902:A:GLU:H	12	0.5
(1,2655)	1:901:A:PHE:HD1	1:902:A:GLU:H	12	0.5
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	16	0.5
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	3	0.5
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	10	0.5
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	15	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	11	0.5
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	5	0.5
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	5	0.5
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	10	0.5
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	12	0.5
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	13	0.5
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	12	0.5
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	14	0.5
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	10	0.5
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	1	0.5
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	11	0.5
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	15	0.5
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	8	0.5
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	8	0.5
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	4	0.5
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	4	0.5
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	19	0.5
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	19	0.5
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	16	0.5
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	16	0.5
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	16	0.5
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	16	0.5
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	9	0.5
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	11	0.5
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	18	0.5
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	18	0.5
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	8	0.5
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	9	0.5
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	3	0.5
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	5	0.5
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	1	0.5
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	8	0.5
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	8	0.5
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	10	0.5
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	10	0.5
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	4	0.5
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	9	0.5
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	18	0.5
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	3	0.5
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	15	0.5
(1,2085)	1:915:A:GLU:HB3	1:916:A:ASP:H	11	0.5
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	17	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	3	0.5
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	20	0.5
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG3	18	0.5
(1,2069)	1:915:A:GLU:H	1:915:A:GLU:HG2	18	0.5
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	6	0.5
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	2	0.5
(1,2039)	1:910:A:ASN:H	1:912:A:PHE:H	2	0.5
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	5	0.5
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	12	0.5
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	17	0.5
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	18	0.5
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	6	0.5
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	12	0.5
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	2	0.5
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	8	0.5
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	19	0.5
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	11	0.5
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	16	0.5
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	16	0.5
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	3	0.5
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	12	0.5
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	13	0.5
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	15	0.5
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	3	0.5
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	19	0.5
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	10	0.5
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	11	0.5
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	18	0.5
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	14	0.5
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	9	0.5
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	9	0.5
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	18	0.5
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	18	0.5
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	1	0.5
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	1	0.5
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	11	0.5
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	11	0.5
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	16	0.5
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	3	0.5
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	18	0.5
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	15	0.5
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	13	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	17	0.5
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	4	0.5
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	5	0.5
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	1	0.5
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	8	0.5
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	12	0.5
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	15	0.5
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	4	0.5
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	7	0.5
(1,1699)	1:875:A:TYR:HA	1:878:A:LYS:H	5	0.5
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	10	0.5
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	9	0.5
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	14	0.5
(1,1641)	1:871:A:GLN:HA	1:874:A:LEU:H	12	0.5
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	4	0.5
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	13	0.5
(1,1604)	1:870:A:TYR:HD1	1:871:A:GLN:HE22	9	0.5
(1,1604)	1:870:A:TYR:HD2	1:871:A:GLN:HE22	9	0.5
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	2	0.5
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	2	0.5
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	4	0.5
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	9	0.5
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	2	0.5
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	6	0.5
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	15	0.5
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	20	0.5
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	17	0.5
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	17	0.5
(1,1488)	1:859:A:ASN:HB2	1:859:A:ASN:HD22	14	0.5
(1,1488)	1:859:A:ASN:HB3	1:859:A:ASN:HD22	14	0.5
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	11	0.5
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	7	0.5
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	13	0.5
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	12	0.5
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	8	0.5
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	7	0.5
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	11	0.5
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	18	0.5
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	18	0.5
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	15	0.5
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	15	0.5
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	15	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	8	0.5
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	5	0.5
(1,1231)	1:831:A:ILE:HG12	1:832:A:THR:H	17	0.5
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	9	0.5
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	19	0.5
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	11	0.5
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	11	0.5
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	11	0.5
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	20	0.5
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	20	0.5
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	7	0.5
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	9	0.5
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	7	0.5
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	10	0.5
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	5	0.5
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	5	0.5
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	5	0.5
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	8	0.5
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	15	0.5
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	1	0.5
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	10	0.5
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	6	0.5
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	18	0.5
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	20	0.5
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	7	0.5
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	7	0.5
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	7	0.5
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	7	0.5
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	7	0.5
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	7	0.5
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	18	0.5
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	15	0.5
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	5	0.5
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	12	0.5
(1,697)	1:901:A:PHE:HA	1:904:A:LEU:HG	2	0.5
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	14	0.5
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	10	0.5
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	13	0.5
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	20	0.5
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	11	0.5
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	6	0.5
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	7	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	17	0.5
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	20	0.5
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	15	0.5
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	20	0.5
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	4	0.5
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	7	0.5
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	10	0.5
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	12	0.5
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	5	0.5
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	9	0.5
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	2	0.5
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	9	0.5
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	14	0.5
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	19	0.5
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	12	0.5
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	16	0.5
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	3	0.5
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	9	0.5
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	15	0.5
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	17	0.49
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	17	0.49
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE2	1	0.49
(1,3383)	1:921:A:LYS:HB3	1:921:A:LYS:HE3	1	0.49
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	14	0.49
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	14	0.49
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	18	0.49
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	18	0.49
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	11	0.49
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	11	0.49
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	16	0.49
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	16	0.49
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	18	0.49
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	18	0.49
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	14	0.49
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	3	0.49
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	3	0.49
(1,3216)	1:857:A:LEU:HA	1:857:A:LEU:CG	6	0.49
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	9	0.49
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	9	0.49
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	9	0.49
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	7	0.49
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	7	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	18	0.49
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	18	0.49
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	18	0.49
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	2	0.49
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	10	0.49
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	10	0.49
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	9	0.49
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	9	0.49
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	9	0.49
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	9	0.49
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	11	0.49
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	11	0.49
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	9	0.49
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	9	0.49
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	14	0.49
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	14	0.49
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD2	20	0.49
(1,3012)	1:809:A:PHE:H	1:809:A:PHE:HD1	20	0.49
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	7	0.49
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	11	0.49
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	19	0.49
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	5	0.49
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	9	0.49
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	5	0.49
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	7	0.49
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	8	0.49
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	13	0.49
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	15	0.49
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	2	0.49
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	7	0.49
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	17	0.49
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	7	0.49
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	19	0.49
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	5	0.49
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	5	0.49
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	6	0.49
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	6	0.49
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	14	0.49
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	14	0.49
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	17	0.49
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	17	0.49
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	1	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2718)	1:899:A:GLN:HA	1:902:A:GLU:HG2	5	0.49
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	13	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	1	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	1	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	2	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	2	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	4	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	4	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	10	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	10	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	12	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	12	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	19	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	19	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	20	0.49
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	20	0.49
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	12	0.49
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	12	0.49
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	19	0.49
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	19	0.49
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	7	0.49
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG2	4	0.49
(1,2588)	1:875:A:TYR:HD1	1:878:A:LYS:HG3	4	0.49
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG2	4	0.49
(1,2588)	1:875:A:TYR:HD2	1:878:A:LYS:HG3	4	0.49
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	19	0.49
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	4	0.49
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	4	0.49
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	7	0.49
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	7	0.49
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	13	0.49
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	13	0.49
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	6	0.49
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	1	0.49
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	3	0.49
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	4	0.49
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	1	0.49
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	7	0.49
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	20	0.49
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	12	0.49
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	1	0.49
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	9	0.49
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	6	0.49
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	1	0.49
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	1	0.49
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	3	0.49
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	3	0.49
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	16	0.49
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	16	0.49
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	17	0.49
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	17	0.49
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	19	0.49
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	19	0.49
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	10	0.49
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	1	0.49
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	12	0.49
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	6	0.49
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	13	0.49
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	6	0.49
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	2	0.49
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	2	0.49
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	9	0.49
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	9	0.49
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	11	0.49
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	11	0.49
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	13	0.49
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	13	0.49
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	15	0.49
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	15	0.49
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	3	0.49
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	10	0.49
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	7	0.49
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	9	0.49
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	4	0.49
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	7	0.49
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	11	0.49
(1,2107)	1:917:A:ILE:H	1:918:A:GLN:H	14	0.49
(1,2093)	1:916:A:ASP:HB2	1:917:A:ILE:H	3	0.49
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	19	0.49
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	16	0.49
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	8	0.49
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	9	0.49
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	16	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	4	0.49
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	14	0.49
(1,1941)	1:897:A:ILE:HA	1:901:A:PHE:H	2	0.49
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	5	0.49
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	12	0.49
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	8	0.49
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	1	0.49
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	18	0.49
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	8	0.49
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	4	0.49
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	9	0.49
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	1	0.49
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	4	0.49
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	14	0.49
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	15	0.49
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	20	0.49
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	10	0.49
(1,1864)	1:893:A:GLN:HG2	1:893:A:GLN:HE22	7	0.49
(1,1864)	1:893:A:GLN:HG3	1:893:A:GLN:HE22	7	0.49
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	2	0.49
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	16	0.49
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	5	0.49
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	5	0.49
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	10	0.49
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	10	0.49
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	15	0.49
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	15	0.49
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	1	0.49
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	1	0.49
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	15	0.49
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	15	0.49
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	17	0.49
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	17	0.49
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	2	0.49
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	2	0.49
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG12	7	0.49
(1,1818)	1:888:A:LEU:H	1:889:A:ILE:HG13	7	0.49
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	14	0.49
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	12	0.49
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	20	0.49
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	3	0.49
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	14	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	10	0.49
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	7	0.49
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	8	0.49
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	19	0.49
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	1	0.49
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	1	0.49
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	5	0.49
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	1	0.49
(1,1575)	1:865:A:ASP:HA	1:868:A:LEU:H	11	0.49
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	2	0.49
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	10	0.49
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	20	0.49
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	3	0.49
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	5	0.49
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	17	0.49
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	2	0.49
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	2	0.49
(1,1500)	1:823:A:GLU:HG2	1:860:A:ASN:HD22	4	0.49
(1,1500)	1:823:A:GLU:HG3	1:860:A:ASN:HD22	4	0.49
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	5	0.49
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	6	0.49
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	15	0.49
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	3	0.49
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	1	0.49
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	3	0.49
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	13	0.49
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	20	0.49
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	1	0.49
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	1	0.49
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	14	0.49
(1,1306)	1:839:A:MET:H	1:841:A:LEU:H	18	0.49
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	15	0.49
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	7	0.49
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	12	0.49
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	12	0.49
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	17	0.49
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	17	0.49
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	20	0.49
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	20	0.49
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	5	0.49
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	6	0.49
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	16	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1242)	1:832:A:THR:HB	1:833:A:ALA:H	16	0.49
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	4	0.49
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	6	0.49
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	17	0.49
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	5	0.49
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	5	0.49
(1,1138)	1:823:A:GLU:HG2	1:824:A:ALA:H	19	0.49
(1,1138)	1:823:A:GLU:HG3	1:824:A:ALA:H	19	0.49
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	2	0.49
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	16	0.49
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	20	0.49
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	7	0.49
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	4	0.49
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	1	0.49
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	5	0.49
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	9	0.49
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	7	0.49
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	3	0.49
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	11	0.49
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	10	0.49
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	12	0.49
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	2	0.49
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	9	0.49
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	20	0.49
(1,1032)	1:811:A:GLN:HA	1:814:A:ASN:H	13	0.49
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	17	0.49
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	18	0.49
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	5	0.49
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	6	0.49
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	16	0.49
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	1	0.49
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	1	0.49
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	7	0.49
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	7	0.49
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	6	0.49
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	9	0.49
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	11	0.49
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	18	0.49
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	17	0.49
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	9	0.49
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	9	0.49
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	4	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	13	0.49
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	4	0.49
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	4	0.49
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD3	10	0.49
(1,766)	1:919:A:ALA:HA	1:922:A:ARG:HD2	10	0.49
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	4	0.49
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	10	0.49
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	1	0.49
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	4	0.49
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	6	0.49
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	9	0.49
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	18	0.49
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	20	0.49
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	11	0.49
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	16	0.49
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	17	0.49
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	9	0.49
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	8	0.49
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	3	0.49
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	10	0.49
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	1	0.49
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	1	0.49
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	1	0.49
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	1	0.49
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	1	0.49
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	1	0.49
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	1	0.49
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	9	0.49
(1,153)	1:825:A:CYS:HB2	1:852:A:LEU:HB3	14	0.49
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	19	0.49
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	19	0.49
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	6	0.49
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	13	0.49
(1,112)	1:816:A:LEU:HA	1:816:A:LEU:HG	16	0.49
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	1	0.49
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	6	0.49
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	2	0.49
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	5	0.48
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	5	0.48
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	8	0.48
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	8	0.48
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	12	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	12	0.48
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	15	0.48
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	15	0.48
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	19	0.48
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	19	0.48
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	20	0.48
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	20	0.48
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	3	0.48
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	3	0.48
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	6	0.48
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	6	0.48
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	8	0.48
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	8	0.48
(1,3353)	1:905:A:SER:HB2	1:918:A:GLN:HE22	7	0.48
(1,3353)	1:905:A:SER:HB3	1:918:A:GLN:HE22	7	0.48
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	9	0.48
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	12	0.48
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	19	0.48
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD23	18	0.48
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD21	18	0.48
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD22	18	0.48
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	7	0.48
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	7	0.48
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	17	0.48
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	17	0.48
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	5	0.48
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	12	0.48
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	12	0.48
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	12	0.48
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	1	0.48
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	1	0.48
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	1	0.48
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	9	0.48
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	9	0.48
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	9	0.48
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	12	0.48
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	12	0.48
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	12	0.48
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	16	0.48
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	16	0.48
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	16	0.48
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	16	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	3	0.48
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	15	0.48
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	15	0.48
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	3	0.48
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	3	0.48
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	12	0.48
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	12	0.48
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	6	0.48
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	4	0.48
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	1	0.48
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	2	0.48
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	3	0.48
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	12	0.48
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	10	0.48
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	6	0.48
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	2	0.48
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	2	0.48
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD1	15	0.48
(1,2672)	1:807:A:TYR:H	1:807:A:TYR:HD2	15	0.48
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	9	0.48
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	9	0.48
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD1	7	0.48
(1,2664)	1:805:A:ASN:HD22	1:807:A:TYR:HD2	7	0.48
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	8	0.48
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	13	0.48
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	12	0.48
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	1	0.48
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	1	0.48
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	11	0.48
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	11	0.48
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	14	0.48
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	14	0.48
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	15	0.48
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	15	0.48
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	17	0.48
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	17	0.48
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	13	0.48
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	13	0.48
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	14	0.48
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	12	0.48
(1,2473)	1:811:A:GLN:HE21	1:814:A:ASN:HB3	11	0.48
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	1	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	9	0.48
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	3	0.48
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	8	0.48
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	6	0.48
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	6	0.48
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	7	0.48
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	7	0.48
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	11	0.48
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	11	0.48
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	12	0.48
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	12	0.48
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	13	0.48
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	13	0.48
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	14	0.48
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	14	0.48
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD1	2	0.48
(1,2377)	1:877:A:SER:HA	1:882:A:PHE:HD2	2	0.48
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	4	0.48
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	4	0.48
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	4	0.48
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	4	0.48
(1,2324)	1:882:A:PHE:HD1	1:883:A:LYS:HA	16	0.48
(1,2324)	1:882:A:PHE:HD2	1:883:A:LYS:HA	16	0.48
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	2	0.48
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	2	0.48
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	2	0.48
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	2	0.48
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	16	0.48
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	14	0.48
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	5	0.48
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	5	0.48
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	10	0.48
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	1	0.48
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	2	0.48
(1,2174)	1:918:A:GLN:HA	1:922:A:ARG:H	9	0.48
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	13	0.48
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	20	0.48
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD2	4	0.48
(1,2155)	1:921:A:LYS:H	1:921:A:LYS:HD3	4	0.48
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	7	0.48
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	15	0.48
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	20	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	3	0.48
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	12	0.48
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	1	0.48
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	7	0.48
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	4	0.48
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	13	0.48
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	4	0.48
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	16	0.48
(1,2065)	1:914:A:LEU:H	1:915:A:GLU:H	5	0.48
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	18	0.48
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	13	0.48
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	15	0.48
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	19	0.48
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	5	0.48
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	10	0.48
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	4	0.48
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	10	0.48
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	2	0.48
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	3	0.48
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	5	0.48
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	10	0.48
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	16	0.48
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	14	0.48
(1,1930)	1:900:A:LEU:H	1:902:A:GLU:HG3	14	0.48
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	1	0.48
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	7	0.48
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	9	0.48
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	10	0.48
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	12	0.48
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	13	0.48
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	10	0.48
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	2	0.48
(1,1909)	1:899:A:GLN:H	1:899:A:GLN:HB2	3	0.48
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	13	0.48
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	6	0.48
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	1	0.48
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	1	0.48
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	5	0.48
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	18	0.48
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	12	0.48
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	6	0.48
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	11	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	17	0.48
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	11	0.48
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	11	0.48
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	12	0.48
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	12	0.48
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	18	0.48
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	6	0.48
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	15	0.48
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	9	0.48
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	4	0.48
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	4	0.48
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	19	0.48
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	19	0.48
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	4	0.48
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	16	0.48
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	4	0.48
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	4	0.48
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	17	0.48
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	17	0.48
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	18	0.48
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	18	0.48
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	8	0.48
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	12	0.48
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	14	0.48
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	9	0.48
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	16	0.48
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	18	0.48
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	12	0.48
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	3	0.48
(1,1530)	1:862:A:ILE:HA	1:864:A:LYS:H	9	0.48
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	6	0.48
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	16	0.48
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	1	0.48
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	14	0.48
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	14	0.48
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	20	0.48
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	10	0.48
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	13	0.48
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	1	0.48
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	15	0.48
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	7	0.48
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	1	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	16	0.48
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	17	0.48
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	12	0.48
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	18	0.48
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	8	0.48
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	10	0.48
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	13	0.48
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	13	0.48
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	15	0.48
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	10	0.48
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	14	0.48
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	15	0.48
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	4	0.48
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	13	0.48
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	14	0.48
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	19	0.48
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	3	0.48
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	7	0.48
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	10	0.48
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	3	0.48
(1,1277)	1:834:A:PRO:HA	1:837:A:LEU:H	8	0.48
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	19	0.48
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	3	0.48
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	3	0.48
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	14	0.48
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	14	0.48
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	16	0.48
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	16	0.48
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	14	0.48
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	13	0.48
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	18	0.48
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	10	0.48
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	19	0.48
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	20	0.48
(1,1223)	1:831:A:ILE:H	1:832:A:THR:HA	16	0.48
(1,1177)	1:827:A:HIS:HD2	1:828:A:LEU:H	4	0.48
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	5	0.48
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	10	0.48
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	16	0.48
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	9	0.48
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	17	0.48
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	19	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	12	0.48
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	17	0.48
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	20	0.48
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	11	0.48
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	9	0.48
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	7	0.48
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	9	0.48
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	18	0.48
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	9	0.48
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	6	0.48
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	6	0.48
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	9	0.48
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	9	0.48
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	11	0.48
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	11	0.48
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	20	0.48
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	20	0.48
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	13	0.48
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	6	0.48
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	19	0.48
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	11	0.48
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	18	0.48
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	18	0.48
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG2	11	0.48
(1,913)	1:802:A:LYS:H	1:802:A:LYS:HG3	11	0.48
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	5	0.48
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	13	0.48
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	20	0.48
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	6	0.48
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	8	0.48
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	10	0.48
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	3	0.48
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	3	0.48
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	9	0.48
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	9	0.48
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	6	0.48
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	6	0.48
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	6	0.48
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	14	0.48
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	14	0.48
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	15	0.48
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	15	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD2	19	0.48
(1,784)	1:921:A:LYS:HA	1:921:A:LYS:HD3	19	0.48
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	6	0.48
(1,713)	1:903:A:ASP:HA	1:906:A:ASP:HB3	10	0.48
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	19	0.48
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	12	0.48
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	20	0.48
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	14	0.48
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	19	0.48
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	17	0.48
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	17	0.48
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	7	0.48
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	7	0.48
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	5	0.48
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	10	0.48
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	16	0.48
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	15	0.48
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	2	0.48
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	1	0.48
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	16	0.48
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	6	0.48
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	7	0.48
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	1	0.48
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	8	0.48
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	20	0.48
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	8	0.48
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	17	0.48
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	3	0.48
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	14	0.48
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	20	0.48
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	5	0.48
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	18	0.48
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	9	0.48
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	17	0.48
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	5	0.48
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG2	8	0.48
(1,142)	1:823:A:GLU:HB2	1:823:A:GLU:HG3	8	0.48
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	4	0.48
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	19	0.48
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	1	0.48
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	4	0.48
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	10	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	10	0.48
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	16	0.48
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	9	0.48
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	9	0.48
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	13	0.48
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG2	7	0.47
(1,3377)	1:920:A:LEU:H	1:922:A:ARG:HG3	7	0.47
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	9	0.47
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	9	0.47
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB2	17	0.47
(1,3375)	1:919:A:ALA:HA	1:922:A:ARG:HB3	17	0.47
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	5	0.47
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	5	0.47
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD23	5	0.47
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD21	5	0.47
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD22	5	0.47
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	16	0.47
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	16	0.47
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	5	0.47
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	5	0.47
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	5	0.47
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	14	0.47
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	14	0.47
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	14	0.47
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	18	0.47
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	19	0.47
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB2	16	0.47
(1,3085)	1:820:A:LYS:H	1:820:A:LYS:HB3	16	0.47
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG2	8	0.47
(1,3058)	1:808:A:GLU:HA	1:811:A:GLN:HG3	8	0.47
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	1	0.47
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	1	0.47
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	2	0.47
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	2	0.47
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	6	0.47
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	6	0.47
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	7	0.47
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	7	0.47
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	8	0.47
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	8	0.47
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	17	0.47
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	17	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	19	0.47
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	19	0.47
(1,3010)	1:922:A:ARG:H	1:923:A:GLN:HE21	10	0.47
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	11	0.47
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	8	0.47
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	20	0.47
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	2	0.47
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	16	0.47
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	18	0.47
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	19	0.47
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	20	0.47
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	4	0.47
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	20	0.47
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG2	19	0.47
(1,2737)	1:880:A:GLU:HA	1:883:A:LYS:HG3	19	0.47
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	2	0.47
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	15	0.47
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD1	7	0.47
(1,2670)	1:911:A:HIS:HD2	1:912:A:PHE:HD2	7	0.47
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	10	0.47
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	7	0.47
(1,2587)	1:835:A:LYS:HB3	1:836:A:ASP:H	8	0.47
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	10	0.47
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	10	0.47
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	12	0.47
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	12	0.47
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	16	0.47
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	16	0.47
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	20	0.47
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	20	0.47
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	1	0.47
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	11	0.47
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	2	0.47
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	8	0.47
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	10	0.47
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	18	0.47
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	19	0.47
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	2	0.47
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	2	0.47
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	5	0.47
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	5	0.47
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	15	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	15	0.47
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	17	0.47
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	17	0.47
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	18	0.47
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	18	0.47
(1,2393)	1:870:A:TYR:HD1	1:871:A:GLN:HG3	20	0.47
(1,2393)	1:870:A:TYR:HD2	1:871:A:GLN:HG3	20	0.47
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	20	0.47
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	20	0.47
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	20	0.47
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	20	0.47
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	8	0.47
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	9	0.47
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB3	2	0.47
(1,2212)	1:925:A:GLU:H	1:925:A:GLU:HB2	2	0.47
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	4	0.47
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	7	0.47
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	4	0.47
(1,2185)	1:922:A:ARG:HB2	1:923:A:GLN:H	9	0.47
(1,2185)	1:922:A:ARG:HB3	1:923:A:GLN:H	9	0.47
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	5	0.47
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	7	0.47
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	20	0.47
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	20	0.47
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	11	0.47
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	5	0.47
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	15	0.47
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	2	0.47
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	12	0.47
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	12	0.47
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	10	0.47
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	2	0.47
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	19	0.47
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	17	0.47
(1,2002)	1:905:A:SER:H	1:906:A:ASP:H	1	0.47
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	6	0.47
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	15	0.47
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	18	0.47
(1,1902)	1:897:A:ILE:HB	1:898:A:GLU:H	15	0.47
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	5	0.47
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	9	0.47
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	16	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	3	0.47
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	1	0.47
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	9	0.47
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	13	0.47
(1,1872)	1:894:A:LYS:H	1:894:A:LYS:HB2	20	0.47
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	12	0.47
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	12	0.47
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	14	0.47
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	14	0.47
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	17	0.47
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	4	0.47
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	1	0.47
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	5	0.47
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	10	0.47
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	17	0.47
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	1	0.47
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	1	0.47
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	5	0.47
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	5	0.47
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	6	0.47
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	6	0.47
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	7	0.47
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	7	0.47
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	9	0.47
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	9	0.47
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	10	0.47
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	10	0.47
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	11	0.47
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	11	0.47
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	13	0.47
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	13	0.47
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	14	0.47
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	14	0.47
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	15	0.47
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	15	0.47
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	10	0.47
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	16	0.47
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	18	0.47
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	9	0.47
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	5	0.47
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	17	0.47
(1,1634)	1:910:A:ASN:H	1:910:A:ASN:HB3	3	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	14	0.47
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	4	0.47
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	8	0.47
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	9	0.47
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	3	0.47
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	3	0.47
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	5	0.47
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	10	0.47
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	16	0.47
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	6	0.47
(1,1517)	1:861:A:LEU:HA	1:863:A:GLU:H	7	0.47
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	6	0.47
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	6	0.47
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	9	0.47
(1,1496)	1:823:A:GLU:HG2	1:860:A:ASN:HD21	11	0.47
(1,1496)	1:823:A:GLU:HG3	1:860:A:ASN:HD21	11	0.47
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	19	0.47
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	15	0.47
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	18	0.47
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	5	0.47
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	11	0.47
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	19	0.47
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	3	0.47
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	3	0.47
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	20	0.47
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	1	0.47
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	19	0.47
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	19	0.47
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	17	0.47
(1,1234)	1:828:A:LEU:HG	1:832:A:THR:H	10	0.47
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	14	0.47
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	6	0.47
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	7	0.47
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	20	0.47
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	8	0.47
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	15	0.47
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	4	0.47
(1,1100)	1:818:A:THR:HB	1:819:A:ARG:H	6	0.47
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	20	0.47
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	8	0.47
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	9	0.47
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	3	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	15	0.47
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	16	0.47
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	1	0.47
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	6	0.47
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	11	0.47
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	12	0.47
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	5	0.47
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	17	0.47
(1,962)	1:805:A:ASN:HD21	1:807:A:TYR:H	16	0.47
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	2	0.47
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	2	0.47
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	3	0.47
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	3	0.47
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	8	0.47
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	8	0.47
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	12	0.47
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	12	0.47
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	15	0.47
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	15	0.47
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	17	0.47
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	17	0.47
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	2	0.47
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	20	0.47
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	18	0.47
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	19	0.47
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	19	0.47
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	10	0.47
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	7	0.47
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	14	0.47
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	1	0.47
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	1	0.47
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	16	0.47
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	16	0.47
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	12	0.47
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	12	0.47
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	4	0.47
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	6	0.47
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	6	0.47
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	6	0.47
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	6	0.47
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	6	0.47
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	17	0.47
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	11	0.47
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	15	0.47
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	2	0.47
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	7	0.47
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	13	0.47
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	10	0.47
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	2	0.47
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	5	0.47
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	8	0.47
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	9	0.47
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	10	0.47
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	17	0.47
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	19	0.47
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	2	0.47
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	17	0.47
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	14	0.47
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	17	0.47
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	19	0.47
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	18	0.47
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	1	0.47
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	2	0.47
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	18	0.47
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	2	0.47
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	6	0.47
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	19	0.47
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	13	0.47
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	4	0.47
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	6	0.47
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	19	0.47
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	3	0.47
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	19	0.47
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	11	0.47
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	19	0.47
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	12	0.47
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	14	0.47
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	5	0.47
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	6	0.47
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	11	0.47
(1,15)	1:800:A:ILE:HA	1:800:A:ILE:HG12	20	0.47
(1,11)	1:798:A:LEU:HB2	1:799:A:PRO:HD3	6	0.47
(1,11)	1:798:A:LEU:HB3	1:799:A:PRO:HD3	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	1	0.46
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	1	0.46
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	8	0.46
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	8	0.46
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	13	0.46
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	13	0.46
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	17	0.46
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	17	0.46
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	2	0.46
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	2	0.46
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	11	0.46
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	11	0.46
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	14	0.46
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	14	0.46
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	11	0.46
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	16	0.46
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD23	11	0.46
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD21	11	0.46
(1,3237)	1:857:A:LEU:CG	1:900:A:LEU:HD22	11	0.46
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG11	11	0.46
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG12	11	0.46
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG13	11	0.46
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	20	0.46
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	20	0.46
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	5	0.46
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	5	0.46
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	5	0.46
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	5	0.46
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	5	0.46
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	5	0.46
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	6	0.46
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	6	0.46
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG2	14	0.46
(1,3022)	1:796:A:GLU:H	1:796:A:GLU:HG3	14	0.46
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	15	0.46
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	15	0.46
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	12	0.46
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	3	0.46
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	12	0.46
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	14	0.46
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	3	0.46
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	12	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	4	0.46
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	13	0.46
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	14	0.46
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	20	0.46
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	15	0.46
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	17	0.46
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	8	0.46
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	8	0.46
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	8	0.46
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	19	0.46
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	20	0.46
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	4	0.46
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	8	0.46
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	8	0.46
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	19	0.46
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	19	0.46
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	17	0.46
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	19	0.46
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	10	0.46
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD2	6	0.46
(1,2552)	1:882:A:PHE:HD1	1:883:A:LYS:HD3	6	0.46
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD2	6	0.46
(1,2552)	1:882:A:PHE:HD2	1:883:A:LYS:HD3	6	0.46
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	20	0.46
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	8	0.46
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	20	0.46
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	14	0.46
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	11	0.46
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	12	0.46
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	8	0.46
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	8	0.46
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	11	0.46
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	15	0.46
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD1	3	0.46
(1,2373)	1:835:A:LYS:HG2	1:875:A:TYR:HD2	3	0.46
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD1	3	0.46
(1,2373)	1:835:A:LYS:HG3	1:875:A:TYR:HD2	3	0.46
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	19	0.46
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	10	0.46
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	11	0.46
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	9	0.46
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	10	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	14	0.46
(1,2158)	1:918:A:GLN:HA	1:921:A:LYS:H	19	0.46
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	19	0.46
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	5	0.46
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	9	0.46
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	7	0.46
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	11	0.46
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	20	0.46
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	7	0.46
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	5	0.46
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	6	0.46
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	2	0.46
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	3	0.46
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	2	0.46
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	6	0.46
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	11	0.46
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	18	0.46
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	14	0.46
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	8	0.46
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	6	0.46
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	10	0.46
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	17	0.46
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	12	0.46
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	15	0.46
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	7	0.46
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	19	0.46
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	10	0.46
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	18	0.46
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	18	0.46
(1,1830)	1:889:A:ILE:HG12	1:890:A:SER:H	4	0.46
(1,1830)	1:889:A:ILE:HG13	1:890:A:SER:H	4	0.46
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	8	0.46
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	11	0.46
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	16	0.46
(1,1775)	1:897:A:ILE:H	1:897:A:ILE:HB	7	0.46
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	8	0.46
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	4	0.46
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	6	0.46
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	7	0.46
(1,1739)	1:880:A:GLU:HG3	1:881:A:ARG:H	10	0.46
(1,1739)	1:880:A:GLU:HG2	1:881:A:ARG:H	10	0.46
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	16	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	3	0.46
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	3	0.46
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	8	0.46
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	8	0.46
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	12	0.46
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	12	0.46
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	11	0.46
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	13	0.46
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	18	0.46
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	17	0.46
(1,1658)	1:871:A:GLN:HA	1:875:A:TYR:H	11	0.46
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	12	0.46
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	15	0.46
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	8	0.46
(1,1619)	1:872:A:HIS:H	1:874:A:LEU:H	5	0.46
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	6	0.46
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	15	0.46
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	13	0.46
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	14	0.46
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	8	0.46
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	5	0.46
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	2	0.46
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	19	0.46
(1,1511)	1:861:A:LEU:H	1:862:A:ILE:H	4	0.46
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	16	0.46
(1,1463)	1:853:A:LEU:HA	1:857:A:LEU:H	3	0.46
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	4	0.46
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	16	0.46
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	18	0.46
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	3	0.46
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	3	0.46
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	14	0.46
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	5	0.46
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	12	0.46
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	11	0.46
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	20	0.46
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	5	0.46
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	8	0.46
(1,1385)	1:852:A:LEU:H	1:853:A:LEU:H	2	0.46
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	1	0.46
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	3	0.46
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	4	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	14	0.46
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	18	0.46
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	20	0.46
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	15	0.46
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	17	0.46
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	9	0.46
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	4	0.46
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	4	0.46
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	15	0.46
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	15	0.46
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	18	0.46
(1,1319)	1:843:A:ASN:HA	1:843:A:ASN:HD22	2	0.46
(1,1319)	1:843:A:ASN:HA	1:843:A:ASN:HD22	3	0.46
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	12	0.46
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	14	0.46
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	1	0.46
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	1	0.46
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	2	0.46
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	2	0.46
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	6	0.46
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	6	0.46
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	10	0.46
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	10	0.46
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	11	0.46
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	11	0.46
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	3	0.46
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	19	0.46
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	14	0.46
(1,1199)	1:825:A:CYS:HA	1:829:A:LEU:H	9	0.46
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	6	0.46
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	1	0.46
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	9	0.46
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	11	0.46
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	5	0.46
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	11	0.46
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	20	0.46
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	11	0.46
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	2	0.46
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	6	0.46
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	2	0.46
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	15	0.46
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	8	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	11	0.46
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	15	0.46
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	3	0.46
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	20	0.46
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	7	0.46
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	4	0.46
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	2	0.46
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	3	0.46
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	19	0.46
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	16	0.46
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	14	0.46
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	3	0.46
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	8	0.46
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	13	0.46
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	4	0.46
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	4	0.46
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	5	0.46
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	5	0.46
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	14	0.46
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	14	0.46
(1,934)	1:804:A:ASN:HA	1:804:A:ASN:HD22	3	0.46
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	1	0.46
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	8	0.46
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB2	20	0.46
(1,914)	1:802:A:LYS:H	1:802:A:LYS:HB3	20	0.46
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	11	0.46
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	19	0.46
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	2	0.46
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	7	0.46
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	20	0.46
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	16	0.46
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	6	0.46
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	19	0.46
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	10	0.46
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	1	0.46
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	1	0.46
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	9	0.46
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	14	0.46
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	2	0.46
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	4	0.46
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	4	0.46
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	14	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	8	0.46
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	8	0.46
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	12	0.46
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	14	0.46
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	17	0.46
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	9	0.46
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	3	0.46
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	13	0.46
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	14	0.46
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	3	0.46
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	13	0.46
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	14	0.46
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	15	0.46
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	2	0.46
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	12	0.46
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	13	0.46
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	8	0.46
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	16	0.46
(1,358)	1:855:A:GLN:H	1:855:A:GLN:HG3	17	0.46
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	3	0.46
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	10	0.46
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	18	0.46
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	20	0.46
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	12	0.46
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	17	0.46
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	7	0.46
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	6	0.46
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	7	0.46
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	8	0.46
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	9	0.46
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	12	0.46
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	2	0.46
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	7	0.46
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	20	0.46
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	12	0.46
(1,36)	1:803:A:PRO:HA	1:804:A:ASN:HB2	18	0.46
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	4	0.46
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	12	0.46
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	16	0.46
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG2	9	0.45
(1,3389)	1:922:A:ARG:HA	1:922:A:ARG:HG3	9	0.45
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	3	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	3	0.45
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	4	0.45
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	4	0.45
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	7	0.45
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	7	0.45
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	16	0.45
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	16	0.45
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	10	0.45
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	10	0.45
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	6	0.45
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	6	0.45
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	20	0.45
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	20	0.45
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	3	0.45
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	16	0.45
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	17	0.45
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	17	0.45
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	8	0.45
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	8	0.45
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	8	0.45
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	17	0.45
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	17	0.45
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	17	0.45
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	3	0.45
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	5	0.45
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	16	0.45
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	16	0.45
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	8	0.45
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	8	0.45
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	8	0.45
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	8	0.45
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	8	0.45
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	8	0.45
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	1	0.45
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	1	0.45
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE1	13	0.45
(1,3013)	1:871:A:GLN:HE22	1:875:A:TYR:HE2	13	0.45
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	17	0.45
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	4	0.45
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	13	0.45
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	15	0.45
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	9	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	7	0.45
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	17	0.45
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	1	0.45
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	1	0.45
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	5	0.45
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	14	0.45
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	13	0.45
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	13	0.45
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	19	0.45
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	20	0.45
(1,2572)	1:924:A:TYR:HD1	1:926:A:LEU:HG	6	0.45
(1,2572)	1:924:A:TYR:HD2	1:926:A:LEU:HG	6	0.45
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	8	0.45
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	10	0.45
(1,2482)	1:870:A:TYR:HB2	1:871:A:GLN:H	5	0.45
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	4	0.45
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	13	0.45
(1,2445)	1:807:A:TYR:HD1	1:808:A:GLU:HA	8	0.45
(1,2445)	1:807:A:TYR:HD2	1:808:A:GLU:HA	8	0.45
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	17	0.45
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	20	0.45
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	1	0.45
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	1	0.45
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	12	0.45
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	15	0.45
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	12	0.45
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	18	0.45
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	13	0.45
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	10	0.45
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	17	0.45
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	13	0.45
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	4	0.45
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	14	0.45
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	9	0.45
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	7	0.45
(1,2077)	1:913:A:THR:H	1:916:A:ASP:H	18	0.45
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	17	0.45
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	11	0.45
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	15	0.45
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	7	0.45
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	20	0.45
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	12	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	4	0.45
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	7	0.45
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	18	0.45
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	1	0.45
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	8	0.45
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	3	0.45
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	14	0.45
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	9	0.45
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	13	0.45
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	3	0.45
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	12	0.45
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	13	0.45
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	19	0.45
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	4	0.45
(1,1927)	1:900:A:LEU:H	1:900:A:LEU:HB3	8	0.45
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	16	0.45
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	18	0.45
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	3	0.45
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	13	0.45
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	19	0.45
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	19	0.45
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	13	0.45
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	4	0.45
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	17	0.45
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	3	0.45
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	1	0.45
(1,1845)	1:890:A:SER:HA	1:892:A:GLY:H	18	0.45
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	16	0.45
(1,1765)	1:883:A:LYS:H	1:883:A:LYS:HB2	7	0.45
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	2	0.45
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	2	0.45
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	19	0.45
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	19	0.45
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	20	0.45
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	20	0.45
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	2	0.45
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	2	0.45
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	18	0.45
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	1	0.45
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	9	0.45
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	15	0.45
(1,1563)	1:867:A:SER:H	1:868:A:LEU:H	8	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	2	0.45
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	11	0.45
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	8	0.45
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	12	0.45
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	18	0.45
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	14	0.45
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	6	0.45
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	1	0.45
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	15	0.45
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	20	0.45
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	2	0.45
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	19	0.45
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	1	0.45
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	2	0.45
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	4	0.45
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	5	0.45
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	13	0.45
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	17	0.45
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	8	0.45
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	16	0.45
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	16	0.45
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	16	0.45
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	18	0.45
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	18	0.45
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	3	0.45
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	3	0.45
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	18	0.45
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	18	0.45
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	19	0.45
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	8	0.45
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	3	0.45
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	7	0.45
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	7	0.45
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	9	0.45
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	13	0.45
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	5	0.45
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	5	0.45
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	8	0.45
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	19	0.45
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	19	0.45
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	18	0.45
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	19	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	5	0.45
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	16	0.45
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	6	0.45
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	18	0.45
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	1	0.45
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	7	0.45
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	18	0.45
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	14	0.45
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	4	0.45
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	7	0.45
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	20	0.45
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	3	0.45
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	1	0.45
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	8	0.45
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	13	0.45
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	19	0.45
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	9	0.45
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	19	0.45
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	5	0.45
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	11	0.45
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	5	0.45
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	7	0.45
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	9	0.45
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	14	0.45
(1,945)	1:805:A:ASN:HB2	1:805:A:ASN:HD22	13	0.45
(1,945)	1:805:A:ASN:HB3	1:805:A:ASN:HD22	13	0.45
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	19	0.45
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	17	0.45
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	9	0.45
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	14	0.45
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	16	0.45
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	14	0.45
(1,896)	1:800:A:ILE:H	1:800:A:ILE:HG13	1	0.45
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	2	0.45
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	12	0.45
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	2	0.45
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	2	0.45
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	5	0.45
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	5	0.45
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	4	0.45
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	16	0.45
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	12	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	1	0.45
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	13	0.45
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	8	0.45
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	15	0.45
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	7	0.45
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	7	0.45
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	5	0.45
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	15	0.45
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	15	0.45
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	5	0.45
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	9	0.45
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	12	0.45
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	15	0.45
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	1	0.45
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	3	0.45
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	15	0.45
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	1	0.45
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	18	0.45
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	20	0.45
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	8	0.45
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	3	0.45
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	7	0.45
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	15	0.45
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	8	0.45
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	9	0.45
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	10	0.45
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	16	0.45
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	20	0.45
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	4	0.45
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	15	0.45
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	9	0.45
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	16	0.45
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	7	0.45
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	4	0.45
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	3	0.45
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	8	0.45
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	13	0.45
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	18	0.45
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	16	0.45
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	19	0.44
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	19	0.44
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	14	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	14	0.44
(1,3238)	1:861:A:LEU:CG	1:862:A:ILE:H	17	0.44
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG11	5	0.44
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG12	5	0.44
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG13	5	0.44
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	7	0.44
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	7	0.44
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	7	0.44
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	18	0.44
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	18	0.44
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	15	0.44
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	15	0.44
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	3	0.44
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	3	0.44
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	3	0.44
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	3	0.44
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	2	0.44
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	2	0.44
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	2	0.44
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	10	0.44
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	10	0.44
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	10	0.44
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD2	3	0.44
(1,3086)	1:820:A:LYS:H	1:820:A:LYS:HD3	3	0.44
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG2	11	0.44
(1,3036)	1:802:A:LYS:HA	1:802:A:LYS:HG3	11	0.44
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	4	0.44
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	4	0.44
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	16	0.44
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	16	0.44
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	1	0.44
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	7	0.44
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	7	0.44
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	4	0.44
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	11	0.44
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	3	0.44
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	10	0.44
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	1	0.44
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	9	0.44
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	15	0.44
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	17	0.44
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	11	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG2	5	0.44
(1,2821)	1:834:A:PRO:HG2	1:835:A:LYS:HG3	5	0.44
(1,2744)	1:918:A:GLN:HA	1:921:A:LYS:HB3	17	0.44
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	10	0.44
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	16	0.44
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	17	0.44
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	14	0.44
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	1	0.44
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	4	0.44
(1,2663)	1:854:A:ILE:H	1:855:A:GLN:HE21	5	0.44
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	13	0.44
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	9	0.44
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	18	0.44
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	9	0.44
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	8	0.44
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	4	0.44
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	6	0.44
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	16	0.44
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	10	0.44
(1,2409)	1:882:A:PHE:HE2	1:924:A:TYR:HA	9	0.44
(1,2409)	1:882:A:PHE:HE1	1:924:A:TYR:HA	9	0.44
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	8	0.44
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	8	0.44
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	8	0.44
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	8	0.44
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	13	0.44
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	13	0.44
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	13	0.44
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	13	0.44
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	18	0.44
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	18	0.44
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	18	0.44
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	18	0.44
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	12	0.44
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	14	0.44
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	4	0.44
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	19	0.44
(1,2196)	1:923:A:GLN:H	1:924:A:TYR:H	17	0.44
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	16	0.44
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	20	0.44
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	18	0.44
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	7	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	15	0.44
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	8	0.44
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	2	0.44
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	1	0.44
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	16	0.44
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	8	0.44
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	9	0.44
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	4	0.44
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	6	0.44
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	10	0.44
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	4	0.44
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	18	0.44
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	17	0.44
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	17	0.44
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	20	0.44
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	11	0.44
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	16	0.44
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	17	0.44
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	11	0.44
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	4	0.44
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	2	0.44
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	13	0.44
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	1	0.44
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	18	0.44
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	1	0.44
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	11	0.44
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	13	0.44
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	7	0.44
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	6	0.44
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	12	0.44
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	13	0.44
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	1	0.44
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	1	0.44
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	10	0.44
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	15	0.44
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	13	0.44
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	17	0.44
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	1	0.44
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	11	0.44
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	6	0.44
(1,1711)	1:878:A:LYS:HG2	1:879:A:ALA:H	16	0.44
(1,1711)	1:878:A:LYS:HG3	1:879:A:ALA:H	16	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	11	0.44
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	3	0.44
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	5	0.44
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	15	0.44
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	16	0.44
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	4	0.44
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	12	0.44
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	5	0.44
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	10	0.44
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	20	0.44
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	12	0.44
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	15	0.44
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	20	0.44
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	3	0.44
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	10	0.44
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	3	0.44
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	7	0.44
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	7	0.44
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	18	0.44
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	11	0.44
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	7	0.44
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	11	0.44
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	1	0.44
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	1	0.44
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	13	0.44
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	16	0.44
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	19	0.44
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	9	0.44
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	4	0.44
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	12	0.44
(1,1345)	1:847:A:GLY:H	1:849:A:THR:H	8	0.44
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	8	0.44
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	8	0.44
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	7	0.44
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	7	0.44
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	13	0.44
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	13	0.44
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	17	0.44
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	17	0.44
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	18	0.44
(1,1284)	1:838:A:PRO:HD3	1:839:A:MET:H	12	0.44
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	14	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	20	0.44
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	9	0.44
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	9	0.44
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	5	0.44
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	16	0.44
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	17	0.44
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	1	0.44
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	3	0.44
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	9	0.44
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	1	0.44
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	12	0.44
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	15	0.44
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	13	0.44
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	16	0.44
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	12	0.44
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	10	0.44
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	3	0.44
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	12	0.44
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	1	0.44
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	7	0.44
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	10	0.44
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	2	0.44
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	4	0.44
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	15	0.44
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	16	0.44
(1,1034)	1:814:A:ASN:H	1:815:A:ALA:H	13	0.44
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	15	0.44
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	12	0.44
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	10	0.44
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	15	0.44
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	17	0.44
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	4	0.44
(1,896)	1:800:A:ILE:H	1:800:A:ILE:HG13	18	0.44
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	17	0.44
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	16	0.44
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	1	0.44
(1,880)	1:900:A:LEU:HA	1:903:A:ASP:HB3	7	0.44
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	6	0.44
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	17	0.44
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	15	0.44
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	18	0.44
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	16	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	19	0.44
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	18	0.44
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	9	0.44
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	10	0.44
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	15	0.44
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	20	0.44
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	1	0.44
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	6	0.44
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	7	0.44
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	10	0.44
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	16	0.44
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	18	0.44
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	5	0.44
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	5	0.44
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	9	0.44
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	9	0.44
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	10	0.44
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	10	0.44
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	8	0.44
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	5	0.44
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	8	0.44
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	11	0.44
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	11	0.44
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	9	0.44
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	12	0.44
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	19	0.44
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	2	0.44
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	7	0.44
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	3	0.44
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	7	0.44
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	15	0.44
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	19	0.44
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	14	0.44
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	15	0.44
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	10	0.44
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	20	0.44
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	16	0.43
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	16	0.43
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	9	0.43
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	9	0.43
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG11	18	0.43
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG12	18	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG13	18	0.43
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	2	0.43
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	3	0.43
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	3	0.43
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	8	0.43
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	10	0.43
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	9	0.43
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	9	0.43
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	8	0.43
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	16	0.43
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	16	0.43
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	18	0.43
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	8	0.43
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	10	0.43
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	20	0.43
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	10	0.43
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	12	0.43
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	19	0.43
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	5	0.43
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	5	0.43
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	8	0.43
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	20	0.43
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	10	0.43
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	11	0.43
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	2	0.43
(1,2599)	1:853:A:LEU:HB2	1:857:A:LEU:H	8	0.43
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	20	0.43
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	12	0.43
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	17	0.43
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	10	0.43
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	9	0.43
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	8	0.43
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	18	0.43
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	3	0.43
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	5	0.43
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	10	0.43
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	1	0.43
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	20	0.43
(1,2425)	1:841:A:LEU:HA	1:844:A:LYS:H	20	0.43
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	20	0.43
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	1	0.43
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	19	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	4	0.43
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	10	0.43
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	2	0.43
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	5	0.43
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	16	0.43
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	12	0.43
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	6	0.43
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	10	0.43
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	4	0.43
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	1	0.43
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	13	0.43
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	16	0.43
(1,2047)	1:913:A:THR:H	1:916:A:ASP:HA	5	0.43
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	15	0.43
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	13	0.43
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	5	0.43
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	10	0.43
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	15	0.43
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	19	0.43
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	17	0.43
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	14	0.43
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	7	0.43
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	15	0.43
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	11	0.43
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	6	0.43
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	9	0.43
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	10	0.43
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	17	0.43
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	8	0.43
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	8	0.43
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	13	0.43
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	13	0.43
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	7	0.43
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	17	0.43
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	18	0.43
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	3	0.43
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	2	0.43
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	9	0.43
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	8	0.43
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	16	0.43
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	4	0.43
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	7	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	11	0.43
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	20	0.43
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	14	0.43
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	7	0.43
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	9	0.43
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	18	0.43
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	4	0.43
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	8	0.43
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	6	0.43
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	17	0.43
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	4	0.43
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	4	0.43
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	9	0.43
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	10	0.43
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	3	0.43
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	11	0.43
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	13	0.43
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	11	0.43
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	2	0.43
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	20	0.43
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	8	0.43
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	18	0.43
(1,1339)	1:846:A:GLU:HG2	1:848:A:ASP:H	9	0.43
(1,1339)	1:846:A:GLU:HG3	1:848:A:ASP:H	9	0.43
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD2	14	0.43
(1,1324)	1:844:A:LYS:H	1:844:A:LYS:HD3	14	0.43
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	3	0.43
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	1	0.43
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	14	0.43
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	5	0.43
(1,1291)	1:837:A:LEU:HA	1:840:A:PHE:H	4	0.43
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	1	0.43
(1,1267)	1:835:A:LYS:HG2	1:836:A:ASP:H	18	0.43
(1,1267)	1:835:A:LYS:HG3	1:836:A:ASP:H	18	0.43
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	12	0.43
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	20	0.43
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	19	0.43
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	8	0.43
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	7	0.43
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	9	0.43
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	14	0.43
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	10	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	8	0.43
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	6	0.43
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	19	0.43
(1,1107)	1:818:A:THR:HA	1:820:A:LYS:H	8	0.43
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	8	0.43
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	14	0.43
(1,1064)	1:813:A:ILE:HA	1:816:A:LEU:H	16	0.43
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	6	0.43
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	9	0.43
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	2	0.43
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	17	0.43
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	3	0.43
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	8	0.43
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	3	0.43
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	12	0.43
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	4	0.43
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	4	0.43
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	20	0.43
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	3	0.43
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	1	0.43
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	1	0.43
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	19	0.43
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	6	0.43
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	13	0.43
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	13	0.43
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	15	0.43
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	19	0.43
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	1	0.43
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	7	0.43
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	12	0.43
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	19	0.43
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	1	0.43
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	16	0.43
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	17	0.43
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	19	0.43
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	4	0.43
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	1	0.43
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	3	0.43
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	6	0.43
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	7	0.43
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	12	0.43
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	19	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	8	0.43
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	11	0.43
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	9	0.43
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	12	0.43
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	12	0.43
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	11	0.43
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	17	0.43
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	2	0.43
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	2	0.43
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	18	0.43
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	19	0.43
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	12	0.43
(1,293)	1:850:A:PHE:HA	1:853:A:LEU:HB3	4	0.43
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	1	0.43
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	8	0.43
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	1	0.43
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	4	0.43
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	14	0.43
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	3	0.43
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	18	0.43
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	6	0.43
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	20	0.43
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	6	0.43
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	3	0.42
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	3	0.42
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	20	0.42
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	20	0.42
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB2	6	0.42
(1,3224)	1:857:A:LEU:CG	1:861:A:LEU:HB3	6	0.42
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	17	0.42
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	2	0.42
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	2	0.42
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	14	0.42
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	14	0.42
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD2	3	0.42
(1,3087)	1:820:A:LYS:HA	1:820:A:LYS:HD3	3	0.42
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG2	10	0.42
(1,3050)	1:805:A:ASN:HD21	1:808:A:GLU:HG3	10	0.42
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	7	0.42
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	7	0.42
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	18	0.42
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	18	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3019)	1:795:A:MET:HB2	1:796:A:GLU:H	12	0.42
(1,3019)	1:795:A:MET:HB3	1:796:A:GLU:H	12	0.42
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	18	0.42
(1,2965)	1:893:A:GLN:HB3	1:894:A:LYS:H	7	0.42
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	1	0.42
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	2	0.42
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	10	0.42
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	16	0.42
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	18	0.42
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	5	0.42
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	3	0.42
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	3	0.42
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	6	0.42
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	15	0.42
(1,2782)	1:858:A:LYS:HA	1:862:A:ILE:HG12	16	0.42
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	3	0.42
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	17	0.42
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	3	0.42
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	16	0.42
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	18	0.42
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	3	0.42
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	10	0.42
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	18	0.42
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	14	0.42
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	12	0.42
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD2	3	0.42
(1,2554)	1:882:A:PHE:HE2	1:883:A:LYS:HD3	3	0.42
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD2	3	0.42
(1,2554)	1:882:A:PHE:HE1	1:883:A:LYS:HD3	3	0.42
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	10	0.42
(1,2516)	1:893:A:GLN:HB3	1:893:A:GLN:HE22	19	0.42
(1,2455)	1:871:A:GLN:HA	1:871:A:GLN:HE21	1	0.42
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	6	0.42
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	14	0.42
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	15	0.42
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	16	0.42
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	18	0.42
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	11	0.42
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	5	0.42
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	5	0.42
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	5	0.42
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	5	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	12	0.42
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	12	0.42
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	12	0.42
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	12	0.42
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	2	0.42
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	1	0.42
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	16	0.42
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	17	0.42
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	13	0.42
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	2	0.42
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	20	0.42
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	7	0.42
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	12	0.42
(1,2189)	1:921:A:LYS:HA	1:923:A:GLN:H	6	0.42
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	12	0.42
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	11	0.42
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	11	0.42
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	13	0.42
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	15	0.42
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	13	0.42
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	17	0.42
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	3	0.42
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	5	0.42
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	5	0.42
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	17	0.42
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	5	0.42
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	11	0.42
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	3	0.42
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	20	0.42
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	3	0.42
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	18	0.42
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	14	0.42
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	19	0.42
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	7	0.42
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	18	0.42
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	8	0.42
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	19	0.42
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	2	0.42
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	20	0.42
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	5	0.42
(1,1913)	1:897:A:ILE:H	1:899:A:GLN:H	8	0.42
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	2	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	20	0.42
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	4	0.42
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	4	0.42
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	9	0.42
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	9	0.42
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	11	0.42
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	11	0.42
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	15	0.42
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	15	0.42
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	16	0.42
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	16	0.42
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	17	0.42
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	17	0.42
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	18	0.42
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	18	0.42
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	8	0.42
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	8	0.42
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	8	0.42
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	5	0.42
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	19	0.42
(1,1848)	1:891:A:LYS:HB3	1:892:A:GLY:H	19	0.42
(1,1848)	1:891:A:LYS:HB2	1:892:A:GLY:H	19	0.42
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	12	0.42
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	18	0.42
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	5	0.42
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	16	0.42
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	4	0.42
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	19	0.42
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	13	0.42
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	4	0.42
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	10	0.42
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	14	0.42
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	19	0.42
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	10	0.42
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	1	0.42
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	8	0.42
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	19	0.42
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	3	0.42
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	15	0.42
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	1	0.42
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	2	0.42
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	4	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	6	0.42
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	16	0.42
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	6	0.42
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	14	0.42
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	3	0.42
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	10	0.42
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	17	0.42
(1,1587)	1:893:A:GLN:HA	1:895:A:GLU:H	14	0.42
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	4	0.42
(1,1532)	1:860:A:ASN:HA	1:864:A:LYS:H	17	0.42
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	20	0.42
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	4	0.42
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	1	0.42
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	12	0.42
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	14	0.42
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	10	0.42
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	19	0.42
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	2	0.42
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	10	0.42
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	5	0.42
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	4	0.42
(1,1408)	1:903:A:ASP:HB2	1:904:A:LEU:H	13	0.42
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	10	0.42
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	14	0.42
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	6	0.42
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	11	0.42
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	6	0.42
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	12	0.42
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	9	0.42
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	13	0.42
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	18	0.42
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	12	0.42
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	10	0.42
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	10	0.42
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	12	0.42
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	13	0.42
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	18	0.42
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	2	0.42
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	15	0.42
(1,1241)	1:833:A:ALA:H	1:837:A:LEU:HA	18	0.42
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	11	0.42
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	16	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	10	0.42
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	14	0.42
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	13	0.42
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	8	0.42
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	20	0.42
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	14	0.42
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	6	0.42
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	8	0.42
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	10	0.42
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	14	0.42
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	13	0.42
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	18	0.42
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	3	0.42
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	8	0.42
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	9	0.42
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	20	0.42
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	10	0.42
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	6	0.42
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	10	0.42
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	18	0.42
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	12	0.42
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	15	0.42
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	2	0.42
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	12	0.42
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	13	0.42
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	17	0.42
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	20	0.42
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	2	0.42
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	11	0.42
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	11	0.42
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	19	0.42
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	13	0.42
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	14	0.42
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	19	0.42
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	8	0.42
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	8	0.42
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	8	0.42
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	8	0.42
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	8	0.42
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	8	0.42
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	17	0.42
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	14	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	8	0.42
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	12	0.42
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	6	0.42
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	9	0.42
(1,681)	1:898:A:GLU:H	1:898:A:GLU:HG3	15	0.42
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	20	0.42
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	11	0.42
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	13	0.42
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	18	0.42
(1,633)	1:880:A:GLU:HA	1:880:A:GLU:HG2	4	0.42
(1,632)	1:895:A:GLU:H	1:895:A:GLU:HB2	13	0.42
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	8	0.42
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	12	0.42
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	5	0.42
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	17	0.42
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	16	0.42
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	11	0.42
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	7	0.42
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	15	0.42
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	1	0.42
(1,462)	1:871:A:GLN:H	1:871:A:GLN:HG3	8	0.42
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	4	0.42
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	20	0.42
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	8	0.42
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	16	0.42
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	5	0.42
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	10	0.42
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	12	0.42
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	11	0.42
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	3	0.42
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	8	0.42
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	9	0.42
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	16	0.42
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	4	0.42
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	14	0.42
(1,83)	1:811:A:GLN:H	1:813:A:ILE:HB	13	0.42
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	9	0.42
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	18	0.42
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	4	0.42
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	15	0.41
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	15	0.41
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	8	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	8	0.41
(1,3363)	1:910:A:ASN:HB2	1:910:A:ASN:HD22	16	0.41
(1,3363)	1:910:A:ASN:HB3	1:910:A:ASN:HD22	16	0.41
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	6	0.41
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	6	0.41
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	9	0.41
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	9	0.41
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	13	0.41
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	13	0.41
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	14	0.41
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	14	0.41
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	2	0.41
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	2	0.41
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	13	0.41
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	13	0.41
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	17	0.41
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	17	0.41
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	3	0.41
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	3	0.41
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	12	0.41
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	19	0.41
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	4	0.41
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	4	0.41
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	4	0.41
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	4	0.41
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	1	0.41
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	1	0.41
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	1	0.41
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	7	0.41
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	7	0.41
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	7	0.41
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	9	0.41
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	9	0.41
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	9	0.41
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	5	0.41
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	13	0.41
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	13	0.41
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	14	0.41
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	14	0.41
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	19	0.41
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	19	0.41
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	19	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	17	0.41
(1,2968)	1:858:A:LYS:HB3	1:900:A:LEU:H	4	0.41
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	14	0.41
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	6	0.41
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	13	0.41
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	16	0.41
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	13	0.41
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	20	0.41
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	16	0.41
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	18	0.41
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	3	0.41
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	14	0.41
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	18	0.41
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	2	0.41
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	1	0.41
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	4	0.41
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	12	0.41
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	16	0.41
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	13	0.41
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	12	0.41
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	19	0.41
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	11	0.41
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	16	0.41
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	15	0.41
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	10	0.41
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	11	0.41
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	1	0.41
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	7	0.41
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	20	0.41
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	3	0.41
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	11	0.41
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	7	0.41
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	16	0.41
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	20	0.41
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	8	0.41
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	9	0.41
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	15	0.41
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	3	0.41
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	4	0.41
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	8	0.41
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	5	0.41
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	11	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	1	0.41
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	9	0.41
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	11	0.41
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	8	0.41
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	16	0.41
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	3	0.41
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	13	0.41
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	9	0.41
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	8	0.41
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	17	0.41
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	19	0.41
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	6	0.41
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	6	0.41
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	18	0.41
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	7	0.41
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	8	0.41
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	17	0.41
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	5	0.41
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	5	0.41
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	12	0.41
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	12	0.41
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	20	0.41
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	12	0.41
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	14	0.41
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	16	0.41
(1,1874)	1:893:A:GLN:HB2	1:894:A:LYS:H	11	0.41
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	13	0.41
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	19	0.41
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	8	0.41
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	20	0.41
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	2	0.41
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	10	0.41
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	14	0.41
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	9	0.41
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	11	0.41
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	12	0.41
(1,1788)	1:882:A:PHE:HA	1:885:A:MET:H	6	0.41
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	9	0.41
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	2	0.41
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	12	0.41
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	4	0.41
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1685)	1:876:A:LEU:HG	1:877:A:SER:H	17	0.41
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	13	0.41
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	16	0.41
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	20	0.41
(1,1616)	1:868:A:LEU:HA	1:872:A:HIS:H	13	0.41
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	19	0.41
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	7	0.41
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	18	0.41
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	20	0.41
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	10	0.41
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	3	0.41
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	19	0.41
(1,1521)	1:862:A:ILE:HB	1:863:A:GLU:H	19	0.41
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	11	0.41
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	11	0.41
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	17	0.41
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	9	0.41
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	8	0.41
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	18	0.41
(1,1391)	1:851:A:LEU:HB3	1:852:A:LEU:H	14	0.41
(1,1381)	1:849:A:THR:HA	1:851:A:LEU:H	19	0.41
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	5	0.41
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	7	0.41
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	12	0.41
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	7	0.41
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	4	0.41
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	14	0.41
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	10	0.41
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	19	0.41
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	16	0.41
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	17	0.41
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	3	0.41
(1,1307)	1:841:A:LEU:H	1:842:A:SER:H	1	0.41
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	9	0.41
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	10	0.41
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	12	0.41
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	18	0.41
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	13	0.41
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	16	0.41
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	2	0.41
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	6	0.41
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	11	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	15	0.41
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	16	0.41
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	10	0.41
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	19	0.41
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	4	0.41
(1,1234)	1:828:A:LEU:HG	1:832:A:THR:H	8	0.41
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	1	0.41
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	15	0.41
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	10	0.41
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	4	0.41
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	9	0.41
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	18	0.41
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	6	0.41
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	18	0.41
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	19	0.41
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	15	0.41
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	2	0.41
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	8	0.41
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	15	0.41
(1,1125)	1:821:A:ASP:HB3	1:822:A:LYS:H	6	0.41
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	5	0.41
(1,1107)	1:818:A:THR:HA	1:820:A:LYS:H	12	0.41
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	3	0.41
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	5	0.41
(1,1084)	1:818:A:THR:H	1:819:A:ARG:HG3	7	0.41
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	7	0.41
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	18	0.41
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	10	0.41
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	16	0.41
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	12	0.41
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	7	0.41
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	18	0.41
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	19	0.41
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	19	0.41
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	16	0.41
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	6	0.41
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	12	0.41
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	2	0.41
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	3	0.41
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	17	0.41
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	3	0.41
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	1	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	11	0.41
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	14	0.41
(1,919)	1:803:A:PRO:HB2	1:804:A:ASN:H	18	0.41
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	3	0.41
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	15	0.41
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	15	0.41
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	2	0.41
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	3	0.41
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	11	0.41
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	8	0.41
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	18	0.41
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD2	4	0.41
(1,884)	1:797:A:LYS:H	1:797:A:LYS:HD3	4	0.41
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG2	6	0.41
(1,882)	1:797:A:LYS:H	1:797:A:LYS:HG3	6	0.41
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	14	0.41
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	11	0.41
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	6	0.41
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	11	0.41
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	4	0.41
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	8	0.41
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	16	0.41
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	13	0.41
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	13	0.41
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	16	0.41
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	16	0.41
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	19	0.41
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	19	0.41
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	14	0.41
(1,582)	1:888:A:LEU:H	1:888:A:LEU:HB2	13	0.41
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	8	0.41
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	16	0.41
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	20	0.41
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	12	0.41
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	18	0.41
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	4	0.41
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	19	0.41
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	3	0.41
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	14	0.41
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	6	0.41
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	1	0.41
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	4	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	11	0.41
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	13	0.41
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	16	0.41
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	1	0.41
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	4	0.41
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	2	0.41
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	2	0.41
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	16	0.41
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	2	0.41
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	10	0.41
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	5	0.4
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	5	0.4
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	20	0.4
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	20	0.4
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	4	0.4
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	4	0.4
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	5	0.4
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	5	0.4
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	10	0.4
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	10	0.4
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	12	0.4
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	12	0.4
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	14	0.4
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	14	0.4
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	18	0.4
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	18	0.4
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	17	0.4
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	17	0.4
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG11	8	0.4
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG12	8	0.4
(1,3226)	1:857:A:LEU:CG	1:869:A:VAL:HG13	8	0.4
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	8	0.4
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	18	0.4
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	9	0.4
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	20	0.4
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	13	0.4
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	13	0.4
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	13	0.4
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	16	0.4
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	16	0.4
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD1	2	0.4
(1,3122)	1:835:A:LYS:HB2	1:875:A:TYR:HD2	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD1	2	0.4
(1,3122)	1:835:A:LYS:HB3	1:875:A:TYR:HD2	2	0.4
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	5	0.4
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	5	0.4
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	5	0.4
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	6	0.4
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	6	0.4
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	6	0.4
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	20	0.4
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	3	0.4
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	3	0.4
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	3	0.4
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	3	0.4
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	3	0.4
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	3	0.4
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	15	0.4
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	15	0.4
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	15	0.4
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	15	0.4
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	15	0.4
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	15	0.4
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	3	0.4
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	3	0.4
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	5	0.4
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	5	0.4
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	9	0.4
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	9	0.4
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	10	0.4
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	10	0.4
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	9	0.4
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	9	0.4
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	12	0.4
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	10	0.4
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	19	0.4
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	14	0.4
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	2	0.4
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	17	0.4
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	8	0.4
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	8	0.4
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	10	0.4
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD2	7	0.4
(1,2922)	1:883:A:LYS:HA	1:883:A:LYS:HD3	7	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	8	0.4
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	9	0.4
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	15	0.4
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	17	0.4
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	14	0.4
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	7	0.4
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	7	0.4
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	15	0.4
(1,2473)	1:811:A:GLN:HE21	1:814:A:ASN:HB3	1	0.4
(1,2473)	1:811:A:GLN:HE21	1:814:A:ASN:HB3	9	0.4
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	8	0.4
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	17	0.4
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	11	0.4
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	1	0.4
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	4	0.4
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	7	0.4
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	3	0.4
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	2	0.4
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	5	0.4
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	10	0.4
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	3	0.4
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	4	0.4
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	10	0.4
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	11	0.4
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	18	0.4
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	10	0.4
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	4	0.4
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	5	0.4
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	5	0.4
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	15	0.4
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	7	0.4
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	19	0.4
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	19	0.4
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	2	0.4
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	20	0.4
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	1	0.4
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	6	0.4
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	15	0.4
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	17	0.4
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	10	0.4
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	1	0.4
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	3	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2020)	1:908:A:PRO:HA	1:909:A:ASN:H	1	0.4
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	16	0.4
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	4	0.4
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	4	0.4
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	16	0.4
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	10	0.4
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	18	0.4
(1,1964)	1:902:A:GLU:H	1:903:A:ASP:H	1	0.4
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	11	0.4
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	18	0.4
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	3	0.4
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	14	0.4
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	8	0.4
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	7	0.4
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	7	0.4
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	10	0.4
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	10	0.4
(1,1885)	1:895:A:GLU:H	1:896:A:LEU:H	13	0.4
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	14	0.4
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	10	0.4
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	4	0.4
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	18	0.4
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	7	0.4
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	13	0.4
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	7	0.4
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	2	0.4
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	1	0.4
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	5	0.4
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	2	0.4
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	7	0.4
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	15	0.4
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	11	0.4
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	5	0.4
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	9	0.4
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	2	0.4
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	2	0.4
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	7	0.4
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	11	0.4
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	10	0.4
(1,1631)	1:910:A:ASN:H	1:910:A:ASN:HD21	11	0.4
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	14	0.4
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	7	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	11	0.4
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	2	0.4
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	13	0.4
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	13	0.4
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	15	0.4
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	5	0.4
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	18	0.4
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	20	0.4
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	3	0.4
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	8	0.4
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	12	0.4
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	17	0.4
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	8	0.4
(1,1348)	1:849:A:THR:H	1:851:A:LEU:H	12	0.4
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	3	0.4
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	6	0.4
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	7	0.4
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	6	0.4
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	7	0.4
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	11	0.4
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	2	0.4
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	2	0.4
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	8	0.4
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	4	0.4
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	11	0.4
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	7	0.4
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	2	0.4
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	18	0.4
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	14	0.4
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	11	0.4
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	17	0.4
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	2	0.4
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	7	0.4
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	8	0.4
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	12	0.4
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	19	0.4
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	15	0.4
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	2	0.4
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	7	0.4
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	10	0.4
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	1	0.4
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	18	0.4
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	1	0.4
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	9	0.4
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	13	0.4
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	12	0.4
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	1	0.4
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	15	0.4
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	17	0.4
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	1	0.4
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	19	0.4
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	6	0.4
(1,1023)	1:810:A:GLY:HA3	1:813:A:ILE:H	14	0.4
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	2	0.4
(1,984)	1:806:A:ALA:HA	1:809:A:PHE:H	13	0.4
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	16	0.4
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	5	0.4
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	9	0.4
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	15	0.4
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	19	0.4
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	17	0.4
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	9	0.4
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	18	0.4
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	15	0.4
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	9	0.4
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	19	0.4
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG2	16	0.4
(1,812)	1:886:A:LEU:HD21	1:925:A:GLU:HG3	16	0.4
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG2	16	0.4
(1,812)	1:886:A:LEU:HD22	1:925:A:GLU:HG3	16	0.4
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG2	16	0.4
(1,812)	1:886:A:LEU:HD23	1:925:A:GLU:HG3	16	0.4
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	9	0.4
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	15	0.4
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	6	0.4
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	2	0.4
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	5	0.4
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	15	0.4
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	6	0.4
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	16	0.4
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	11	0.4
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD2	3	0.4
(1,619)	1:894:A:LYS:HA	1:894:A:LYS:HD3	3	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	15	0.4
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	15	0.4
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	6	0.4
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	4	0.4
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	6	0.4
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	9	0.4
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	6	0.4
(1,300)	1:851:A:LEU:H	1:851:A:LEU:HB3	9	0.4
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	12	0.4
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	16	0.4
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	18	0.4
(1,282)	1:846:A:GLU:H	1:849:A:THR:HB	14	0.4
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	18	0.4
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	12	0.4
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	17	0.4
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	17	0.4
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	5	0.4
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	11	0.4
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	18	0.4
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	7	0.4
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	7	0.4
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	4	0.39
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	4	0.39
(1,3349)	1:905:A:SER:HB2	1:906:A:ASP:H	11	0.39
(1,3349)	1:905:A:SER:HB3	1:906:A:ASP:H	11	0.39
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	1	0.39
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	1	0.39
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	6	0.39
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	6	0.39
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	8	0.39
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	8	0.39
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	9	0.39
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	9	0.39
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	11	0.39
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	11	0.39
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	15	0.39
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	15	0.39
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	16	0.39
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	16	0.39
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	19	0.39
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	19	0.39
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	13	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	6	0.39
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	10	0.39
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	10	0.39
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	10	0.39
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	10	0.39
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	10	0.39
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	10	0.39
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	2	0.39
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	2	0.39
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	8	0.39
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	8	0.39
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	12	0.39
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	12	0.39
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	16	0.39
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	16	0.39
(1,2997)	1:916:A:ASP:H	1:919:A:ALA:H	10	0.39
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	16	0.39
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	3	0.39
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	17	0.39
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	6	0.39
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	15	0.39
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	19	0.39
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	14	0.39
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	19	0.39
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	12	0.39
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	17	0.39
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	11	0.39
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	5	0.39
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	19	0.39
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	2	0.39
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	5	0.39
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	15	0.39
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	12	0.39
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	15	0.39
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	14	0.39
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	16	0.39
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	7	0.39
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	17	0.39
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	8	0.39
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	20	0.39
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	3	0.39
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	14	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	19	0.39
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	7	0.39
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	12	0.39
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	13	0.39
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	14	0.39
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	19	0.39
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	15	0.39
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	10	0.39
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	1	0.39
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	19	0.39
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	8	0.39
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	17	0.39
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	8	0.39
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	2	0.39
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	18	0.39
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	2	0.39
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	9	0.39
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	19	0.39
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	10	0.39
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	8	0.39
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	13	0.39
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	14	0.39
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	13	0.39
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	2	0.39
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	9	0.39
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	20	0.39
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	16	0.39
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	4	0.39
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	12	0.39
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	3	0.39
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	19	0.39
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	20	0.39
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	10	0.39
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	4	0.39
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	5	0.39
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	16	0.39
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	7	0.39
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	1	0.39
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	5	0.39
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	9	0.39
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	10	0.39
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	2	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1944)	1:901:A:PHE:H	1:902:A:GLU:HG3	9	0.39
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	18	0.39
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	2	0.39
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	2	0.39
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	2	0.39
(1,1890)	1:895:A:GLU:HB3	1:896:A:LEU:H	6	0.39
(1,1890)	1:895:A:GLU:HB2	1:896:A:LEU:H	6	0.39
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	3	0.39
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	9	0.39
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	16	0.39
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG2	7	0.39
(1,1870)	1:894:A:LYS:H	1:894:A:LYS:HG3	7	0.39
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	13	0.39
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	13	0.39
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	15	0.39
(1,1804)	1:886:A:LEU:HB2	1:887:A:THR:H	16	0.39
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	2	0.39
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	9	0.39
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	2	0.39
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	7	0.39
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	17	0.39
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	18	0.39
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	19	0.39
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	7	0.39
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	20	0.39
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	17	0.39
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	15	0.39
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	12	0.39
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	18	0.39
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	20	0.39
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	18	0.39
(1,1615)	1:869:A:VAL:HA	1:872:A:HIS:H	16	0.39
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	13	0.39
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	2	0.39
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	13	0.39
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	17	0.39
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	9	0.39
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	13	0.39
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	14	0.39
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	16	0.39
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	5	0.39
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	8	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	11	0.39
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	8	0.39
(1,1433)	1:855:A:GLN:HA	1:855:A:GLN:HE21	5	0.39
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	6	0.39
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	18	0.39
(1,1410)	1:901:A:PHE:HA	1:904:A:LEU:H	2	0.39
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	16	0.39
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	9	0.39
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	15	0.39
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	17	0.39
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	16	0.39
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	2	0.39
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	13	0.39
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	7	0.39
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	19	0.39
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	5	0.39
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	8	0.39
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	17	0.39
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	2	0.39
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	15	0.39
(1,1250)	1:834:A:PRO:HB2	1:835:A:LYS:H	8	0.39
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	4	0.39
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	4	0.39
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	6	0.39
(1,1171)	1:824:A:ALA:HA	1:827:A:HIS:H	17	0.39
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	12	0.39
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	18	0.39
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	7	0.39
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	20	0.39
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	6	0.39
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	15	0.39
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	6	0.39
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	2	0.39
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	13	0.39
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	7	0.39
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	10	0.39
(1,1036)	1:813:A:ILE:H	1:814:A:ASN:H	11	0.39
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	1	0.39
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	10	0.39
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	5	0.39
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	7	0.39
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	11	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	1	0.39
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	14	0.39
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	2	0.39
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	10	0.39
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	13	0.39
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	18	0.39
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	10	0.39
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	8	0.39
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	7	0.39
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	14	0.39
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	4	0.39
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	6	0.39
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	18	0.39
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	7	0.39
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	4	0.39
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	15	0.39
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	5	0.39
(1,881)	1:795:A:MET:HA	1:796:A:GLU:H	7	0.39
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	13	0.39
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD22	15	0.39
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD23	15	0.39
(1,864)	1:924:A:TYR:HD1	1:926:A:LEU:HD21	15	0.39
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD22	15	0.39
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD23	15	0.39
(1,864)	1:924:A:TYR:HD2	1:926:A:LEU:HD21	15	0.39
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	16	0.39
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	9	0.39
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	18	0.39
(1,735)	1:915:A:GLU:HA	1:918:A:GLN:HB2	6	0.39
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	12	0.39
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	19	0.39
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	9	0.39
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	20	0.39
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	20	0.39
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	19	0.39
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	1	0.39
(1,542)	1:884:A:MET:HA	1:884:A:MET:HG2	8	0.39
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	1	0.39
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	9	0.39
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	19	0.39
(1,460)	1:871:A:GLN:HA	1:871:A:GLN:HG3	5	0.39
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	7	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	7	0.39
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	10	0.39
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	4	0.39
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	2	0.39
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	15	0.39
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	6	0.39
(1,3343)	1:899:A:GLN:HG3	1:899:A:GLN:HE22	7	0.38
(1,3343)	1:899:A:GLN:HG2	1:899:A:GLN:HE22	7	0.38
(1,3332)	1:895:A:GLU:HG2	1:896:A:LEU:H	20	0.38
(1,3332)	1:895:A:GLU:HG3	1:896:A:LEU:H	20	0.38
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG3	1	0.38
(1,3321)	1:891:A:LYS:H	1:891:A:LYS:HG2	1	0.38
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD2	4	0.38
(1,3276)	1:875:A:TYR:HE1	1:878:A:LYS:HD3	4	0.38
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD2	4	0.38
(1,3276)	1:875:A:TYR:HE2	1:878:A:LYS:HD3	4	0.38
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	6	0.38
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	10	0.38
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	2	0.38
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	2	0.38
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	15	0.38
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	15	0.38
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	12	0.38
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	12	0.38
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	20	0.38
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	20	0.38
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	7	0.38
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	7	0.38
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	7	0.38
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	10	0.38
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	1	0.38
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	1	0.38
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	20	0.38
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	20	0.38
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	14	0.38
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	14	0.38
(1,2955)	1:918:A:GLN:HA	1:920:A:LEU:H	20	0.38
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	10	0.38
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	5	0.38
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	13	0.38
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	13	0.38
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2927)	1:873:A:LEU:HB2	1:924:A:TYR:HH	11	0.38
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	16	0.38
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	3	0.38
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	6	0.38
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	16	0.38
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	9	0.38
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	15	0.38
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	5	0.38
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	13	0.38
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	17	0.38
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	20	0.38
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	5	0.38
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	9	0.38
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	19	0.38
(1,2498)	1:825:A:CYS:H	1:828:A:LEU:HB2	10	0.38
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	6	0.38
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	9	0.38
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	3	0.38
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	9	0.38
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	3	0.38
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	3	0.38
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	3	0.38
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	3	0.38
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	16	0.38
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	16	0.38
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	16	0.38
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	16	0.38
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	15	0.38
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	11	0.38
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	20	0.38
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	14	0.38
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	16	0.38
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	17	0.38
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	2	0.38
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	5	0.38
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	14	0.38
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	5	0.38
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	11	0.38
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	14	0.38
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	11	0.38
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	1	0.38
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	14	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	1	0.38
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	1	0.38
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	8	0.38
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	14	0.38
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	3	0.38
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	16	0.38
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	1	0.38
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	15	0.38
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	13	0.38
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	5	0.38
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	2	0.38
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	9	0.38
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	3	0.38
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	8	0.38
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	3	0.38
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	14	0.38
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	15	0.38
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	16	0.38
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	10	0.38
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	2	0.38
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	1	0.38
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	14	0.38
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	19	0.38
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	13	0.38
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	17	0.38
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	13	0.38
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	9	0.38
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	15	0.38
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	2	0.38
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	20	0.38
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	4	0.38
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	18	0.38
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	9	0.38
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	4	0.38
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	2	0.38
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	4	0.38
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	7	0.38
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	10	0.38
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	14	0.38
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	5	0.38
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	8	0.38
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	20	0.38
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	5	0.38
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	9	0.38
(1,1813)	1:885:A:MET:HA	1:888:A:LEU:H	3	0.38
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	5	0.38
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	8	0.38
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	9	0.38
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	15	0.38
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	6	0.38
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	12	0.38
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	3	0.38
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	18	0.38
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	16	0.38
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	19	0.38
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	4	0.38
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	14	0.38
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	9	0.38
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	3	0.38
(1,1567)	1:868:A:LEU:H	1:868:A:LEU:HB2	13	0.38
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	9	0.38
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	1	0.38
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	2	0.38
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	17	0.38
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	19	0.38
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	1	0.38
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	4	0.38
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	10	0.38
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	4	0.38
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	4	0.38
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	2	0.38
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	2	0.38
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	16	0.38
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	8	0.38
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	20	0.38
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	7	0.38
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	13	0.38
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	20	0.38
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	16	0.38
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	18	0.38
(1,1222)	1:827:A:HIS:HA	1:831:A:ILE:H	13	0.38
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	10	0.38
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	20	0.38
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	12	0.38
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	12	0.38
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	13	0.38
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	3	0.38
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	12	0.38
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	13	0.38
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	3	0.38
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	17	0.38
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	7	0.38
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	10	0.38
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	4	0.38
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	14	0.38
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	19	0.38
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	7	0.38
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	16	0.38
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	5	0.38
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	11	0.38
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	14	0.38
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	15	0.38
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	4	0.38
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	13	0.38
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	4	0.38
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	10	0.38
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	15	0.38
(1,979)	1:803:A:PRO:HB2	1:809:A:PHE:H	18	0.38
(1,959)	1:807:A:TYR:H	1:807:A:TYR:HB3	17	0.38
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	12	0.38
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	7	0.38
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	8	0.38
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	10	0.38
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	16	0.38
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	1	0.38
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	4	0.38
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	19	0.38
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	20	0.38
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	16	0.38
(1,810)	1:922:A:ARG:HA	1:925:A:GLU:HA	13	0.38
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	3	0.38
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	17	0.38
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	6	0.38
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	1	0.38
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	2	0.38
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	11	0.38
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	8	0.38
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	16	0.38
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	7	0.38
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	15	0.38
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	1	0.38
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	17	0.38
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	19	0.38
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	1	0.38
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	2	0.38
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	1	0.38
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	2	0.38
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	7	0.38
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	13	0.38
(1,252)	1:838:A:PRO:HA	1:841:A:LEU:HB3	5	0.38
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	11	0.38
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	12	0.38
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	16	0.38
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	19	0.38
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	11	0.38
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	5	0.38
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	20	0.38
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	8	0.38
(1,17)	1:799:A:PRO:HA	1:800:A:ILE:HB	1	0.38
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	15	0.38
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	7	0.37
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	2	0.37
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	2	0.37
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	2	0.37
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	7	0.37
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	5	0.37
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	5	0.37
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	11	0.37
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	11	0.37
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	14	0.37
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	14	0.37
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	17	0.37
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	17	0.37
(1,3110)	1:832:A:THR:HB	1:837:A:LEU:CG	15	0.37
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD2	15	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3034)	1:802:A:LYS:H	1:802:A:LYS:HD3	15	0.37
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	6	0.37
(1,3024)	1:796:A:GLU:HB3	1:797:A:LYS:H	11	0.37
(1,3024)	1:796:A:GLU:HB2	1:797:A:LYS:H	11	0.37
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	3	0.37
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	4	0.37
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	1	0.37
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	3	0.37
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	7	0.37
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	1	0.37
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	9	0.37
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	3	0.37
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	11	0.37
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	17	0.37
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	10	0.37
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	10	0.37
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	11	0.37
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	9	0.37
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	1	0.37
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	19	0.37
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	16	0.37
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	6	0.37
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	6	0.37
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	2	0.37
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	7	0.37
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	1	0.37
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	12	0.37
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	16	0.37
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	16	0.37
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	11	0.37
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	11	0.37
(1,2430)	1:891:A:LYS:HA	1:893:A:GLN:H	18	0.37
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	20	0.37
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	12	0.37
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	1	0.37
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	4	0.37
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	4	0.37
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	4	0.37
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	4	0.37
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	11	0.37
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	11	0.37
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	11	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	11	0.37
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	3	0.37
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	19	0.37
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	5	0.37
(1,2194)	1:922:A:ARG:H	1:923:A:GLN:H	2	0.37
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	13	0.37
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	9	0.37
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	13	0.37
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	3	0.37
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	15	0.37
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	10	0.37
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	11	0.37
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	12	0.37
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	3	0.37
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	19	0.37
(1,2108)	1:918:A:GLN:HE21	1:921:A:LYS:HG2	8	0.37
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	14	0.37
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	14	0.37
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	8	0.37
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	12	0.37
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	17	0.37
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	14	0.37
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	19	0.37
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	20	0.37
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	9	0.37
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	8	0.37
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	17	0.37
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	12	0.37
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	3	0.37
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	10	0.37
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	20	0.37
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	2	0.37
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	1	0.37
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	20	0.37
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	13	0.37
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	18	0.37
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	14	0.37
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	1	0.37
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	15	0.37
(1,1882)	1:895:A:GLU:H	1:895:A:GLU:HB3	20	0.37
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	3	0.37
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	11	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	9	0.37
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	9	0.37
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	2	0.37
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	3	0.37
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	1	0.37
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	10	0.37
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	11	0.37
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	4	0.37
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	6	0.37
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	20	0.37
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	14	0.37
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	11	0.37
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	1	0.37
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	6	0.37
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	12	0.37
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	17	0.37
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	1	0.37
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	11	0.37
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	10	0.37
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	19	0.37
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	10	0.37
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	2	0.37
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	4	0.37
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	3	0.37
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	2	0.37
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	16	0.37
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	1	0.37
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	5	0.37
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	11	0.37
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	3	0.37
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	6	0.37
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	18	0.37
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	19	0.37
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	20	0.37
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	2	0.37
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	14	0.37
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	16	0.37
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	17	0.37
(1,1391)	1:851:A:LEU:HB3	1:852:A:LEU:H	15	0.37
(1,1391)	1:851:A:LEU:HB3	1:852:A:LEU:H	17	0.37
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	8	0.37
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	10	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	10	0.37
(1,1356)	1:848:A:ASP:HB2	1:849:A:THR:H	19	0.37
(1,1356)	1:848:A:ASP:HB3	1:849:A:THR:H	19	0.37
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	17	0.37
(1,1346)	1:848:A:ASP:H	1:849:A:THR:H	7	0.37
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	2	0.37
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	3	0.37
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	7	0.37
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	11	0.37
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	15	0.37
(1,1273)	1:893:A:GLN:H	1:893:A:GLN:HB3	9	0.37
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	10	0.37
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	18	0.37
(1,1253)	1:833:A:ALA:HA	1:835:A:LYS:H	7	0.37
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	9	0.37
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	15	0.37
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	12	0.37
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	5	0.37
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	8	0.37
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	12	0.37
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	13	0.37
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	10	0.37
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	10	0.37
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	17	0.37
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	19	0.37
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	16	0.37
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	14	0.37
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	5	0.37
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	15	0.37
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	2	0.37
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	8	0.37
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	3	0.37
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	6	0.37
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	14	0.37
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	5	0.37
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	5	0.37
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	7	0.37
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	13	0.37
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	1	0.37
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	15	0.37
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	4	0.37
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	17	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	14	0.37
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	16	0.37
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	10	0.37
(1,985)	1:803:A:PRO:HA	1:809:A:PHE:H	1	0.37
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	9	0.37
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	7	0.37
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	15	0.37
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	20	0.37
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	1	0.37
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	3	0.37
(1,908)	1:800:A:ILE:HA	1:801:A:ALA:H	10	0.37
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	10	0.37
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	20	0.37
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	7	0.37
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	16	0.37
(1,896)	1:800:A:ILE:H	1:800:A:ILE:HG13	14	0.37
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	16	0.37
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	6	0.37
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	13	0.37
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	8	0.37
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	17	0.37
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	10	0.37
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	8	0.37
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	16	0.37
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	10	0.37
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	1	0.37
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	4	0.37
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	7	0.37
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	9	0.37
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	16	0.37
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	6	0.37
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	3	0.37
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	12	0.37
(1,635)	1:896:A:LEU:HA	1:896:A:LEU:HG	14	0.37
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	1	0.37
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	1	0.37
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	2	0.37
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	2	0.37
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	9	0.37
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	18	0.37
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	2	0.37
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	20	0.37
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	17	0.37
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	18	0.37
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	10	0.37
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	6	0.37
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	10	0.37
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	3	0.37
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	9	0.37
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	18	0.37
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	9	0.37
(1,361)	1:855:A:GLN:HA	1:855:A:GLN:HG3	5	0.37
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	15	0.37
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	9	0.37
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	17	0.37
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	6	0.37
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	15	0.37
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	16	0.37
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG2	18	0.36
(1,3370)	1:915:A:GLU:H	1:915:A:GLU:HG3	18	0.36
(1,3240)	1:861:A:LEU:CG	1:864:A:LYS:HB2	11	0.36
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	15	0.36
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	19	0.36
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	19	0.36
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	16	0.36
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	16	0.36
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	2	0.36
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	12	0.36
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	7	0.36
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	4	0.36
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	16	0.36
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	7	0.36
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	12	0.36
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	6	0.36
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	15	0.36
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	17	0.36
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	4	0.36
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	12	0.36
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	18	0.36
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	5	0.36
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	10	0.36
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	11	0.36
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE1	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2607)	1:835:A:LYS:HG2	1:875:A:TYR:HE2	8	0.36
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE1	8	0.36
(1,2607)	1:835:A:LYS:HG3	1:875:A:TYR:HE2	8	0.36
(1,2579)	1:901:A:PHE:HZ	1:921:A:LYS:HB2	2	0.36
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	7	0.36
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	9	0.36
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	13	0.36
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	16	0.36
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	14	0.36
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	19	0.36
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	20	0.36
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	14	0.36
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	14	0.36
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	14	0.36
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	14	0.36
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	15	0.36
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	15	0.36
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	15	0.36
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	15	0.36
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	18	0.36
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	10	0.36
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	11	0.36
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	20	0.36
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	5	0.36
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	1	0.36
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	8	0.36
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	15	0.36
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	17	0.36
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	20	0.36
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	9	0.36
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	11	0.36
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	15	0.36
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	4	0.36
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	6	0.36
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	11	0.36
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	8	0.36
(1,2108)	1:918:A:GLN:HE21	1:921:A:LYS:HG2	11	0.36
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	12	0.36
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	19	0.36
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	11	0.36
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	7	0.36
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	13	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	15	0.36
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	17	0.36
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	11	0.36
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	12	0.36
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	18	0.36
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	1	0.36
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	13	0.36
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	4	0.36
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	10	0.36
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	11	0.36
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	17	0.36
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	19	0.36
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	8	0.36
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	12	0.36
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	18	0.36
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	19	0.36
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	7	0.36
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	19	0.36
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	4	0.36
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	5	0.36
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	10	0.36
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	13	0.36
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	20	0.36
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	5	0.36
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	8	0.36
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	13	0.36
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	14	0.36
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	4	0.36
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	5	0.36
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	8	0.36
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	4	0.36
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	19	0.36
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	15	0.36
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	15	0.36
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	4	0.36
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	9	0.36
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	17	0.36
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	8	0.36
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	12	0.36
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	1	0.36
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	3	0.36
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	11	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	12	0.36
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	1	0.36
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	4	0.36
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	14	0.36
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	13	0.36
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	18	0.36
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	1	0.36
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	4	0.36
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	5	0.36
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	15	0.36
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	1	0.36
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	3	0.36
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	20	0.36
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	9	0.36
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	12	0.36
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	5	0.36
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	1	0.36
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	7	0.36
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	12	0.36
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	15	0.36
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	20	0.36
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	7	0.36
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	8	0.36
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	19	0.36
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	7	0.36
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	18	0.36
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	19	0.36
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	8	0.36
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	17	0.36
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	6	0.36
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	4	0.36
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	7	0.36
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	20	0.36
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	14	0.36
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	19	0.36
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	7	0.36
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	9	0.36
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	13	0.36
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	13	0.36
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	14	0.36
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	20	0.36
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	18	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	20	0.36
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	17	0.36
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	9	0.36
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	9	0.36
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	15	0.36
(1,1125)	1:821:A:ASP:HB3	1:822:A:LYS:H	11	0.36
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	5	0.36
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	7	0.36
(1,1104)	1:819:A:ARG:HB2	1:820:A:LYS:H	3	0.36
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	6	0.36
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	1	0.36
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	11	0.36
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	16	0.36
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	11	0.36
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	3	0.36
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	10	0.36
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	16	0.36
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	5	0.36
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	16	0.36
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	20	0.36
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	19	0.36
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	17	0.36
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	5	0.36
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	8	0.36
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	18	0.36
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	19	0.36
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	12	0.36
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	13	0.36
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	6	0.36
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	3	0.36
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	3	0.36
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	5	0.36
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	1	0.36
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	4	0.36
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	5	0.36
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	8	0.36
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	10	0.36
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	12	0.36
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	15	0.36
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	13	0.36
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	5	0.36
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	14	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	17	0.36
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	18	0.36
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB2	16	0.36
(1,630)	1:895:A:GLU:HA	1:898:A:GLU:HB3	16	0.36
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	3	0.36
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	3	0.36
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	6	0.36
(1,463)	1:868:A:LEU:HA	1:871:A:GLN:HG2	8	0.36
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	13	0.36
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	10	0.36
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	16	0.36
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	13	0.36
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	16	0.36
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	4	0.36
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	11	0.36
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	8	0.36
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	4	0.36
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	12	0.36
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	15	0.36
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	12	0.36
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	12	0.36
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	12	0.36
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	12	0.36
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	12	0.36
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	12	0.36
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	17	0.36
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	10	0.36
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	1	0.35
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	4	0.35
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	2	0.35
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	20	0.35
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	8	0.35
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	8	0.35
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	18	0.35
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	18	0.35
(1,3139)	1:837:A:LEU:CG	1:876:A:LEU:HB2	7	0.35
(1,3139)	1:837:A:LEU:CG	1:876:A:LEU:HB3	7	0.35
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	1	0.35
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	1	0.35
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	10	0.35
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	10	0.35
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	8	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	8	0.35
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	8	0.35
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	18	0.35
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	18	0.35
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	18	0.35
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	19	0.35
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	4	0.35
(1,3083)	1:817:A:SER:HB2	1:818:A:THR:H	13	0.35
(1,3083)	1:817:A:SER:HB3	1:818:A:THR:H	13	0.35
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD23	6	0.35
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD21	6	0.35
(1,3045)	1:803:A:PRO:HD2	1:828:A:LEU:HD22	6	0.35
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD23	6	0.35
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD21	6	0.35
(1,3045)	1:803:A:PRO:HD3	1:828:A:LEU:HD22	6	0.35
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	18	0.35
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	8	0.35
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	19	0.35
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	16	0.35
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	5	0.35
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	17	0.35
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	17	0.35
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	17	0.35
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	17	0.35
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	17	0.35
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	17	0.35
(1,2734)	1:857:A:LEU:HA	1:861:A:LEU:HG	16	0.35
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	2	0.35
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	17	0.35
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	3	0.35
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	7	0.35
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	4	0.35
(1,2603)	1:918:A:GLN:H	1:921:A:LYS:HG2	18	0.35
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	2	0.35
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	20	0.35
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	4	0.35
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	17	0.35
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	17	0.35
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	2	0.35
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	18	0.35
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	1	0.35
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	15	0.35
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	3	0.35
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	9	0.35
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	14	0.35
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	4	0.35
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	10	0.35
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	10	0.35
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	10	0.35
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	10	0.35
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	7	0.35
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	4	0.35
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	8	0.35
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	6	0.35
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	6	0.35
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	18	0.35
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	12	0.35
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	16	0.35
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	18	0.35
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	3	0.35
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	17	0.35
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	13	0.35
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	15	0.35
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	9	0.35
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	18	0.35
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	17	0.35
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	2	0.35
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	3	0.35
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	10	0.35
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	19	0.35
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	13	0.35
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	10	0.35
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	8	0.35
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	19	0.35
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	3	0.35
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	7	0.35
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	11	0.35
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	16	0.35
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	6	0.35
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	2	0.35
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	16	0.35
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	17	0.35
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	1	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	6	0.35
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	15	0.35
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	13	0.35
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	18	0.35
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	20	0.35
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	13	0.35
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	4	0.35
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	8	0.35
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	13	0.35
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	15	0.35
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	13	0.35
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	3	0.35
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	7	0.35
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	8	0.35
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	11	0.35
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	13	0.35
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	20	0.35
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	8	0.35
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	6	0.35
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	17	0.35
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	19	0.35
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	20	0.35
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	5	0.35
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	14	0.35
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	8	0.35
(1,1761)	1:880:A:GLU:HA	1:883:A:LYS:H	16	0.35
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	11	0.35
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	1	0.35
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	11	0.35
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	3	0.35
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	8	0.35
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	18	0.35
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	18	0.35
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	12	0.35
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	7	0.35
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	8	0.35
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	9	0.35
(1,1680)	1:874:A:LEU:HB3	1:877:A:SER:H	10	0.35
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	7	0.35
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	10	0.35
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	11	0.35
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	17	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	11	0.35
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	18	0.35
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	1	0.35
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	14	0.35
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	15	0.35
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	11	0.35
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	18	0.35
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	2	0.35
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	13	0.35
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	14	0.35
(1,1451)	1:854:A:ILE:HA	1:856:A:SER:H	14	0.35
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	7	0.35
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	8	0.35
(1,1409)	1:903:A:ASP:HB3	1:904:A:LEU:H	3	0.35
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	4	0.35
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	7	0.35
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	10	0.35
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	8	0.35
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	13	0.35
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	5	0.35
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	17	0.35
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	6	0.35
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	8	0.35
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	10	0.35
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	5	0.35
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	10	0.35
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	18	0.35
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	19	0.35
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	16	0.35
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	3	0.35
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	6	0.35
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	14	0.35
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	4	0.35
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	5	0.35
(1,1147)	1:823:A:GLU:HB3	1:825:A:CYS:H	18	0.35
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	9	0.35
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	14	0.35
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	19	0.35
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	8	0.35
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	4	0.35
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	17	0.35
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	16	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	8	0.35
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	18	0.35
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	20	0.35
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	2	0.35
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	4	0.35
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	19	0.35
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	9	0.35
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	16	0.35
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	20	0.35
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	17	0.35
(1,929)	1:804:A:ASN:H	1:808:A:GLU:H	1	0.35
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	9	0.35
(1,923)	1:804:A:ASN:H	1:804:A:ASN:HB3	16	0.35
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	2	0.35
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	13	0.35
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	14	0.35
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	12	0.35
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	14	0.35
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	13	0.35
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	20	0.35
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	8	0.35
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	13	0.35
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	14	0.35
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	19	0.35
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	2	0.35
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	9	0.35
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	14	0.35
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	8	0.35
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	4	0.35
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	5	0.35
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	19	0.35
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	10	0.35
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	17	0.35
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	4	0.35
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	10	0.35
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	20	0.35
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD2	13	0.35
(1,602)	1:889:A:ILE:HD12	1:894:A:LYS:HD3	13	0.35
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD2	13	0.35
(1,602)	1:889:A:ILE:HD13	1:894:A:LYS:HD3	13	0.35
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD2	13	0.35
(1,602)	1:889:A:ILE:HD11	1:894:A:LYS:HD3	13	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	14	0.35
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	1	0.35
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	6	0.35
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	17	0.35
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	10	0.35
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	18	0.35
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	16	0.35
(1,299)	1:848:A:ASP:HA	1:851:A:LEU:HB3	20	0.35
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	10	0.35
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	7	0.35
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	13	0.35
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	12	0.35
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	10	0.35
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	11	0.35
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	2	0.34
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	2	0.34
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	2	0.34
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	14	0.34
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	14	0.34
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	14	0.34
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	3	0.34
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	14	0.34
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	18	0.34
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	14	0.34
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	14	0.34
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	18	0.34
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	18	0.34
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	2	0.34
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	2	0.34
(1,3110)	1:832:A:THR:HB	1:837:A:LEU:CG	2	0.34
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	12	0.34
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	12	0.34
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	12	0.34
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB3	17	0.34
(1,3021)	1:796:A:GLU:H	1:796:A:GLU:HB2	17	0.34
(1,2974)	1:891:A:LYS:HG3	1:892:A:GLY:H	17	0.34
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	15	0.34
(1,2896)	1:886:A:LEU:HG	1:924:A:TYR:HA	13	0.34
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	2	0.34
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	12	0.34
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	6	0.34
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	14	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	1	0.34
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	20	0.34
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	7	0.34
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	19	0.34
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	3	0.34
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	18	0.34
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	3	0.34
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	14	0.34
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	12	0.34
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	17	0.34
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	2	0.34
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	3	0.34
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	20	0.34
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	11	0.34
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	19	0.34
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	17	0.34
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	13	0.34
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	16	0.34
(1,2408)	1:834:A:PRO:HA	1:872:A:HIS:HE1	4	0.34
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	19	0.34
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	19	0.34
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	19	0.34
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	19	0.34
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	7	0.34
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	8	0.34
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	17	0.34
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	7	0.34
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	6	0.34
(1,2138)	1:920:A:LEU:H	1:922:A:ARG:H	16	0.34
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	18	0.34
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	4	0.34
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	4	0.34
(1,2112)	1:914:A:LEU:HG	1:918:A:GLN:HE21	4	0.34
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	10	0.34
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	13	0.34
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	7	0.34
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	20	0.34
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	9	0.34
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	15	0.34
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	11	0.34
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	17	0.34
(1,2050)	1:913:A:THR:H	1:916:A:ASP:HB3	18	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	4	0.34
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	12	0.34
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	15	0.34
(1,2005)	1:902:A:GLU:HA	1:906:A:ASP:H	12	0.34
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	1	0.34
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	6	0.34
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	20	0.34
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	18	0.34
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	7	0.34
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	20	0.34
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	8	0.34
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	1	0.34
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	3	0.34
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	15	0.34
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	19	0.34
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	12	0.34
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	16	0.34
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	2	0.34
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	20	0.34
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	14	0.34
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	12	0.34
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	14	0.34
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	19	0.34
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	3	0.34
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	2	0.34
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	15	0.34
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	8	0.34
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	7	0.34
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	10	0.34
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	20	0.34
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	15	0.34
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	14	0.34
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	14	0.34
(1,1691)	1:877:A:SER:H	1:882:A:PHE:HZ	14	0.34
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	2	0.34
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	6	0.34
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	15	0.34
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	17	0.34
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	12	0.34
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	15	0.34
(1,1586)	1:867:A:SER:HA	1:870:A:TYR:H	10	0.34
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	7	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	17	0.34
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	18	0.34
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	11	0.34
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	14	0.34
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	3	0.34
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	14	0.34
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	4	0.34
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	16	0.34
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	9	0.34
(1,1367)	1:850:A:PHE:H	1:851:A:LEU:HB2	9	0.34
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	12	0.34
(1,1350)	1:846:A:GLU:HA	1:849:A:THR:H	17	0.34
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	5	0.34
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	6	0.34
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	4	0.34
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	6	0.34
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	5	0.34
(1,1317)	1:843:A:ASN:HA	1:843:A:ASN:HD21	10	0.34
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	2	0.34
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	2	0.34
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	20	0.34
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	15	0.34
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	20	0.34
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	9	0.34
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	12	0.34
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	11	0.34
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	8	0.34
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	3	0.34
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	4	0.34
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	6	0.34
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	12	0.34
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	13	0.34
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	14	0.34
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	15	0.34
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	20	0.34
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	11	0.34
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	17	0.34
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	1	0.34
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	16	0.34
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	7	0.34
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	2	0.34
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	7	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	3	0.34
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	17	0.34
(1,1106)	1:816:A:LEU:HA	1:820:A:LYS:H	3	0.34
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	2	0.34
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	3	0.34
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	14	0.34
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	6	0.34
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	16	0.34
(1,928)	1:804:A:ASN:H	1:804:A:ASN:HD22	16	0.34
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	2	0.34
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	7	0.34
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	8	0.34
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	19	0.34
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	14	0.34
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	2	0.34
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	10	0.34
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	12	0.34
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	1	0.34
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	3	0.34
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	9	0.34
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	10	0.34
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	12	0.34
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	15	0.34
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	20	0.34
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	6	0.34
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	6	0.34
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	7	0.34
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	13	0.34
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	16	0.34
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	17	0.34
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	9	0.34
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	10	0.34
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	4	0.34
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	5	0.34
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	15	0.34
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	5	0.34
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	4	0.34
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	2	0.34
(1,526)	1:880:A:GLU:HA	1:880:A:GLU:HG3	12	0.34
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	11	0.34
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	14	0.34
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	19	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	16	0.34
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	7	0.34
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	6	0.34
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	13	0.34
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	20	0.34
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	14	0.34
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	6	0.34
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	15	0.34
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	1	0.34
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	5	0.34
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	10	0.34
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	15	0.34
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	15	0.34
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	15	0.34
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	15	0.34
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	15	0.34
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	15	0.34
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	17	0.34
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	17	0.34
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	17	0.34
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	17	0.34
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	17	0.34
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	17	0.34
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	20	0.34
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	5	0.34
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	10	0.33
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	15	0.33
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	20	0.33
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	20	0.33
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	20	0.33
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	8	0.33
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	17	0.33
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	19	0.33
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	20	0.33
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	20	0.33
(1,3164)	1:846:A:GLU:HB2	1:847:A:GLY:H	11	0.33
(1,3164)	1:846:A:GLU:HB3	1:847:A:GLY:H	11	0.33
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	9	0.33
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	9	0.33
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	13	0.33
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	13	0.33
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	6	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	6	0.33
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	6	0.33
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	5	0.33
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	5	0.33
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	5	0.33
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	2	0.33
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	2	0.33
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	2	0.33
(1,2953)	1:816:A:LEU:HA	1:821:A:ASP:H	20	0.33
(1,2952)	1:828:A:LEU:HA	1:832:A:THR:H	17	0.33
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	20	0.33
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	7	0.33
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	9	0.33
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	5	0.33
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	6	0.33
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	14	0.33
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	7	0.33
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	16	0.33
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	6	0.33
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	14	0.33
(1,2668)	1:830:A:ALA:H	1:832:A:THR:H	6	0.33
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	18	0.33
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	13	0.33
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	17	0.33
(1,2558)	1:851:A:LEU:HB2	1:893:A:GLN:HE21	6	0.33
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	1	0.33
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	7	0.33
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	10	0.33
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	5	0.33
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	15	0.33
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	6	0.33
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	18	0.33
(1,2406)	1:867:A:SER:HA	1:911:A:HIS:HD2	7	0.33
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	9	0.33
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	9	0.33
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	9	0.33
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	9	0.33
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	3	0.33
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	2	0.33
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	16	0.33
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	9	0.33
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	6	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	2	0.33
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	13	0.33
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	14	0.33
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	10	0.33
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	6	0.33
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	4	0.33
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	5	0.33
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	12	0.33
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	5	0.33
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	6	0.33
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	8	0.33
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	18	0.33
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	13	0.33
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	7	0.33
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	7	0.33
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	5	0.33
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	13	0.33
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	14	0.33
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	12	0.33
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	13	0.33
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	14	0.33
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	12	0.33
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	5	0.33
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	6	0.33
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	9	0.33
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	6	0.33
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	9	0.33
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	11	0.33
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	20	0.33
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	14	0.33
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	8	0.33
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	9	0.33
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	2	0.33
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	4	0.33
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	16	0.33
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	14	0.33
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	10	0.33
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	20	0.33
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	7	0.33
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	8	0.33
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	11	0.33
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	6	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	9	0.33
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	15	0.33
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	3	0.33
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	3	0.33
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	6	0.33
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	6	0.33
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	15	0.33
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	20	0.33
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	12	0.33
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	18	0.33
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	1	0.33
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	5	0.33
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	19	0.33
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	3	0.33
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	20	0.33
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	15	0.33
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	19	0.33
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	16	0.33
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	2	0.33
(1,1562)	1:867:A:SER:H	1:911:A:HIS:HD2	15	0.33
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	18	0.33
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	17	0.33
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	4	0.33
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	20	0.33
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	13	0.33
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	14	0.33
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	17	0.33
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	18	0.33
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	2	0.33
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	9	0.33
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	15	0.33
(1,1455)	1:813:A:ILE:HB	1:816:A:LEU:H	16	0.33
(1,1445)	1:855:A:GLN:HE22	1:896:A:LEU:HG	16	0.33
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	1	0.33
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	13	0.33
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	20	0.33
(1,1391)	1:851:A:LEU:HB3	1:852:A:LEU:H	3	0.33
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	20	0.33
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	2	0.33
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	3	0.33
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	5	0.33
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	11	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	14	0.33
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	12	0.33
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	19	0.33
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	3	0.33
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	5	0.33
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	6	0.33
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	2	0.33
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	1	0.33
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	20	0.33
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	7	0.33
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	9	0.33
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	2	0.33
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	7	0.33
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	8	0.33
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	1	0.33
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	7	0.33
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	7	0.33
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	10	0.33
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	5	0.33
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	11	0.33
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	9	0.33
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	4	0.33
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	12	0.33
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	10	0.33
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	13	0.33
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	10	0.33
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	6	0.33
(1,905)	1:800:A:ILE:HG13	1:801:A:ALA:H	7	0.33
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	10	0.33
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	8	0.33
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	18	0.33
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	1	0.33
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	11	0.33
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	11	0.33
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	18	0.33
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	19	0.33
(1,781)	1:921:A:LYS:HA	1:921:A:LYS:HG3	20	0.33
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	14	0.33
(1,769)	1:920:A:LEU:HA	1:921:A:LYS:HG3	9	0.33
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	1	0.33
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	3	0.33
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	3	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	13	0.33
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	9	0.33
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	15	0.33
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	19	0.33
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	3	0.33
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	5	0.33
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	9	0.33
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	15	0.33
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	18	0.33
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	1	0.33
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	2	0.33
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	3	0.33
(1,289)	1:850:A:PHE:HA	1:854:A:ILE:H	13	0.33
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	8	0.33
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG2	18	0.33
(1,232)	1:833:A:ALA:HB3	1:835:A:LYS:HG3	18	0.33
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG2	18	0.33
(1,232)	1:833:A:ALA:HB1	1:835:A:LYS:HG3	18	0.33
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG2	18	0.33
(1,232)	1:833:A:ALA:HB2	1:835:A:LYS:HG3	18	0.33
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	6	0.33
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	8	0.33
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	11	0.33
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	16	0.33
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	18	0.33
(1,168)	1:827:A:HIS:HA	1:827:A:HIS:HD2	19	0.33
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	13	0.33
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	5	0.33
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	17	0.33
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	14	0.33
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	19	0.33
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	14	0.33
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	10	0.32
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	11	0.32
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	15	0.32
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	3	0.32
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	3	0.32
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	3	0.32
(1,3110)	1:832:A:THR:HB	1:837:A:LEU:CG	13	0.32
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	16	0.32
(1,3026)	1:797:A:LYS:HB2	1:798:A:LEU:H	2	0.32
(1,3026)	1:797:A:LYS:HB3	1:798:A:LEU:H	2	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3005)	1:923:A:GLN:HE21	1:925:A:GLU:H	5	0.32
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	17	0.32
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	18	0.32
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	9	0.32
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	14	0.32
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	2	0.32
(1,2780)	1:828:A:LEU:HA	1:831:A:ILE:HG13	12	0.32
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	2	0.32
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	16	0.32
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	12	0.32
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	4	0.32
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	5	0.32
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	17	0.32
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	20	0.32
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	7	0.32
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	20	0.32
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	7	0.32
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	8	0.32
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	10	0.32
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	11	0.32
(1,2473)	1:811:A:GLN:HE21	1:814:A:ASN:HB3	4	0.32
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	13	0.32
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	18	0.32
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	3	0.32
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	6	0.32
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	8	0.32
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	2	0.32
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	11	0.32
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	4	0.32
(1,2406)	1:867:A:SER:HA	1:911:A:HIS:HD2	8	0.32
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	6	0.32
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	6	0.32
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	6	0.32
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	6	0.32
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	17	0.32
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	4	0.32
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	18	0.32
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	19	0.32
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	16	0.32
(1,2206)	1:921:A:LYS:HA	1:924:A:TYR:H	18	0.32
(1,2187)	1:923:A:GLN:H	1:923:A:GLN:HB2	15	0.32
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	18	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	13	0.32
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	14	0.32
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	20	0.32
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	7	0.32
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	19	0.32
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	6	0.32
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	9	0.32
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	6	0.32
(1,2128)	1:919:A:ALA:H	1:921:A:LYS:HG3	4	0.32
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	8	0.32
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	18	0.32
(1,2108)	1:918:A:GLN:HE21	1:921:A:LYS:HG2	20	0.32
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	12	0.32
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	6	0.32
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	10	0.32
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	16	0.32
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	4	0.32
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	10	0.32
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	10	0.32
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	11	0.32
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	5	0.32
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	10	0.32
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	15	0.32
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	5	0.32
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	15	0.32
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	6	0.32
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	11	0.32
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	5	0.32
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	13	0.32
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	6	0.32
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	7	0.32
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	14	0.32
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	11	0.32
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	16	0.32
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	10	0.32
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	18	0.32
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	1	0.32
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	2	0.32
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	14	0.32
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	16	0.32
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	8	0.32
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	19	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	17	0.32
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	2	0.32
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	3	0.32
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	13	0.32
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	8	0.32
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	15	0.32
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	1	0.32
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	3	0.32
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	5	0.32
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	16	0.32
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	9	0.32
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	20	0.32
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	6	0.32
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	17	0.32
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	7	0.32
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	9	0.32
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	11	0.32
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	16	0.32
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	19	0.32
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	16	0.32
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	6	0.32
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	11	0.32
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	1	0.32
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	18	0.32
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	20	0.32
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	20	0.32
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	6	0.32
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	17	0.32
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	16	0.32
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	13	0.32
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	10	0.32
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	19	0.32
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	20	0.32
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	20	0.32
(1,1350)	1:846:A:GLU:HA	1:849:A:THR:H	11	0.32
(1,1350)	1:846:A:GLU:HA	1:849:A:THR:H	16	0.32
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	11	0.32
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	5	0.32
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	3	0.32
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	17	0.32
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	16	0.32
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	6	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	7	0.32
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	13	0.32
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	16	0.32
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	16	0.32
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	1	0.32
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	5	0.32
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	12	0.32
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	14	0.32
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	15	0.32
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	16	0.32
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	6	0.32
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	1	0.32
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	5	0.32
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	15	0.32
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	12	0.32
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	9	0.32
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	14	0.32
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	13	0.32
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	12	0.32
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	2	0.32
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	20	0.32
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	14	0.32
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	20	0.32
(1,1038)	1:811:A:GLN:HA	1:814:A:ASN:HD21	16	0.32
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	3	0.32
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	8	0.32
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	5	0.32
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	18	0.32
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	12	0.32
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	19	0.32
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	18	0.32
(1,905)	1:800:A:ILE:HG13	1:801:A:ALA:H	8	0.32
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	6	0.32
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	11	0.32
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	15	0.32
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	10	0.32
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	16	0.32
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	17	0.32
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	8	0.32
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	18	0.32
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	18	0.32
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	11	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	6	0.32
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	2	0.32
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	4	0.32
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	2	0.32
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	11	0.32
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	1	0.32
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	9	0.32
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	5	0.32
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	5	0.32
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	8	0.32
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	10	0.32
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	14	0.32
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	19	0.32
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	12	0.32
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	17	0.32
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	1	0.32
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	2	0.32
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	7	0.32
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	9	0.32
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	10	0.32
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	15	0.32
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	7	0.32
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	10	0.32
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	18	0.32
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	19	0.32
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	11	0.32
(1,18)	1:800:A:ILE:H	1:800:A:ILE:HG12	8	0.32
(1,3240)	1:861:A:LEU:CG	1:864:A:LYS:HB2	1	0.31
(1,3240)	1:861:A:LEU:CG	1:864:A:LYS:HB2	9	0.31
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	14	0.31
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	17	0.31
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	17	0.31
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	17	0.31
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	5	0.31
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	12	0.31
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	2	0.31
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	2	0.31
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	12	0.31
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	12	0.31
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	8	0.31
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	2	0.31
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	9	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	15	0.31
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	4	0.31
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	5	0.31
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	9	0.31
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	16	0.31
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	6	0.31
(1,2942)	1:910:A:ASN:HA	1:912:A:PHE:H	13	0.31
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	17	0.31
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	1	0.31
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	9	0.31
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	4	0.31
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	7	0.31
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	6	0.31
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	14	0.31
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	13	0.31
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	13	0.31
(1,2635)	1:834:A:PRO:HG3	1:872:A:HIS:HE1	3	0.31
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	4	0.31
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	5	0.31
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	10	0.31
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	11	0.31
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	7	0.31
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	19	0.31
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	20	0.31
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	14	0.31
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	4	0.31
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	20	0.31
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	19	0.31
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	2	0.31
(1,2468)	1:850:A:PHE:HB2	1:851:A:LEU:H	20	0.31
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	20	0.31
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	7	0.31
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	2	0.31
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	7	0.31
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	10	0.31
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	17	0.31
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	7	0.31
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	7	0.31
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	7	0.31
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	7	0.31
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	6	0.31
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	19	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	15	0.31
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	8	0.31
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	7	0.31
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	15	0.31
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	9	0.31
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	9	0.31
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	1	0.31
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	2	0.31
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	15	0.31
(1,2125)	1:918:A:GLN:HB2	1:919:A:ALA:H	20	0.31
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	18	0.31
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	2	0.31
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	20	0.31
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	14	0.31
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	6	0.31
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	18	0.31
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	11	0.31
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	18	0.31
(1,2083)	1:916:A:ASP:H	1:917:A:ILE:HB	18	0.31
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	2	0.31
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	18	0.31
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	4	0.31
(1,2058)	1:914:A:LEU:H	1:915:A:GLU:HB3	2	0.31
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	19	0.31
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	17	0.31
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	8	0.31
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	16	0.31
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	1	0.31
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	2	0.31
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	2	0.31
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	17	0.31
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	5	0.31
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	13	0.31
(1,1971)	1:903:A:ASP:H	1:904:A:LEU:HG	12	0.31
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	3	0.31
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	9	0.31
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	7	0.31
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	14	0.31
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	9	0.31
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	17	0.31
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	1	0.31
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	18	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	6	0.31
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	2	0.31
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	10	0.31
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	1	0.31
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	17	0.31
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	14	0.31
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	6	0.31
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	15	0.31
(1,1845)	1:890:A:SER:HA	1:892:A:GLY:H	14	0.31
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	17	0.31
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	14	0.31
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	12	0.31
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	15	0.31
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	1	0.31
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	2	0.31
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	9	0.31
(1,1753)	1:882:A:PHE:H	1:883:A:LYS:H	5	0.31
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	10	0.31
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	7	0.31
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	17	0.31
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	2	0.31
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	12	0.31
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	19	0.31
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	8	0.31
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	11	0.31
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	8	0.31
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	1	0.31
(1,1587)	1:893:A:GLN:HA	1:895:A:GLU:H	3	0.31
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	1	0.31
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	8	0.31
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	15	0.31
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	15	0.31
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	6	0.31
(1,1508)	1:826:A:ALA:HA	1:861:A:LEU:H	10	0.31
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	2	0.31
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	5	0.31
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	4	0.31
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	14	0.31
(1,1458)	1:857:A:LEU:H	1:861:A:LEU:HG	11	0.31
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	18	0.31
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	12	0.31
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	15	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	20	0.31
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	14	0.31
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	19	0.31
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	16	0.31
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	5	0.31
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	10	0.31
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	20	0.31
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	1	0.31
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	6	0.31
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	6	0.31
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	10	0.31
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	13	0.31
(1,1234)	1:828:A:LEU:HG	1:832:A:THR:H	5	0.31
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	3	0.31
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	9	0.31
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	6	0.31
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	8	0.31
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	17	0.31
(1,1192)	1:829:A:LEU:H	1:829:A:LEU:HB3	9	0.31
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	17	0.31
(1,1175)	1:828:A:LEU:H	1:830:A:ALA:H	18	0.31
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	9	0.31
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	5	0.31
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	6	0.31
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	12	0.31
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	18	0.31
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	20	0.31
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	14	0.31
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	6	0.31
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	5	0.31
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	15	0.31
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	6	0.31
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	11	0.31
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	11	0.31
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	3	0.31
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	11	0.31
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	3	0.31
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	6	0.31
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	1	0.31
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	10	0.31
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	2	0.31
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	10	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	18	0.31
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	2	0.31
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	4	0.31
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	10	0.31
(1,765)	1:917:A:ILE:H	1:918:A:GLN:HG3	8	0.31
(1,735)	1:915:A:GLU:HA	1:918:A:GLN:HB2	3	0.31
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	3	0.31
(1,649)	1:894:A:LYS:HA	1:897:A:ILE:HB	2	0.31
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	11	0.31
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	18	0.31
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	13	0.31
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	14	0.31
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	13	0.31
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	14	0.31
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	10	0.31
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	13	0.31
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	11	0.31
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	13	0.31
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	9	0.31
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	16	0.3
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	4	0.3
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	6	0.3
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	9	0.3
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	16	0.3
(1,3139)	1:837:A:LEU:CG	1:876:A:LEU:HB2	18	0.3
(1,3139)	1:837:A:LEU:CG	1:876:A:LEU:HB3	18	0.3
(1,3110)	1:832:A:THR:HB	1:837:A:LEU:CG	12	0.3
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	13	0.3
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	13	0.3
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	13	0.3
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	20	0.3
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	20	0.3
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	20	0.3
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	7	0.3
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	7	0.3
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	7	0.3
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	20	0.3
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	20	0.3
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	20	0.3
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	8	0.3
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	5	0.3
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	4	0.3
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	17	0.3
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	9	0.3
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	11	0.3
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	19	0.3
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	1	0.3
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	4	0.3
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	10	0.3
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	7	0.3
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	13	0.3
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	4	0.3
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	8	0.3
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	7	0.3
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	18	0.3
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	4	0.3
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	8	0.3
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	19	0.3
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	4	0.3
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	16	0.3
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	15	0.3
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	3	0.3
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	12	0.3
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	18	0.3
(1,2405)	1:889:A:ILE:HA	1:894:A:LYS:H	8	0.3
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	18	0.3
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	20	0.3
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	2	0.3
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	13	0.3
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	2	0.3
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	18	0.3
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	18	0.3
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	1	0.3
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	19	0.3
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	6	0.3
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	18	0.3
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	19	0.3
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	7	0.3
(1,2161)	1:901:A:PHE:HZ	1:921:A:LYS:H	17	0.3
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	3	0.3
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	5	0.3
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	13	0.3
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	17	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	6	0.3
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	7	0.3
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	11	0.3
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	20	0.3
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	20	0.3
(1,2061)	1:913:A:THR:HA	1:914:A:LEU:H	8	0.3
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	14	0.3
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	8	0.3
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	12	0.3
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	9	0.3
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	12	0.3
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	6	0.3
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	8	0.3
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	15	0.3
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	19	0.3
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	16	0.3
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	6	0.3
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	5	0.3
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	1	0.3
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	2	0.3
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	10	0.3
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	20	0.3
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	12	0.3
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	8	0.3
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	12	0.3
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	11	0.3
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	14	0.3
(1,1912)	1:896:A:LEU:HA	1:899:A:GLN:H	18	0.3
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	7	0.3
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	19	0.3
(1,1886)	1:893:A:GLN:HA	1:896:A:LEU:H	20	0.3
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	4	0.3
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	11	0.3
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	16	0.3
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	10	0.3
(1,1845)	1:890:A:SER:HA	1:892:A:GLY:H	19	0.3
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	16	0.3
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	3	0.3
(1,1808)	1:884:A:MET:HA	1:887:A:THR:H	6	0.3
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	8	0.3
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	10	0.3
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	15	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	17	0.3
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	13	0.3
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	14	0.3
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	17	0.3
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	5	0.3
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	14	0.3
(1,1760)	1:881:A:ARG:HA	1:883:A:LYS:H	12	0.3
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	16	0.3
(1,1742)	1:881:A:ARG:H	1:881:A:ARG:HG3	2	0.3
(1,1648)	1:874:A:LEU:H	1:877:A:SER:HG	15	0.3
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	8	0.3
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	14	0.3
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	17	0.3
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	4	0.3
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	15	0.3
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	9	0.3
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	13	0.3
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	3	0.3
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	7	0.3
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	13	0.3
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	16	0.3
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	10	0.3
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	15	0.3
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	3	0.3
(1,1391)	1:851:A:LEU:HB3	1:852:A:LEU:H	2	0.3
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	5	0.3
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	16	0.3
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	7	0.3
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	18	0.3
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	11	0.3
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	11	0.3
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	15	0.3
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	11	0.3
(1,1255)	1:835:A:LYS:H	1:837:A:LEU:H	11	0.3
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	15	0.3
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	6	0.3
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	1	0.3
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	2	0.3
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	14	0.3
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	6	0.3
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	10	0.3
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	2	0.3
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	11	0.3
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	17	0.3
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	12	0.3
(1,1125)	1:821:A:ASP:HB3	1:822:A:LYS:H	18	0.3
(1,1107)	1:818:A:THR:HA	1:820:A:LYS:H	11	0.3
(1,1079)	1:817:A:SER:H	1:819:A:ARG:H	18	0.3
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	10	0.3
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	7	0.3
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	7	0.3
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	10	0.3
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	7	0.3
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	11	0.3
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	18	0.3
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	6	0.3
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	5	0.3
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	1	0.3
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	7	0.3
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	12	0.3
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	19	0.3
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	3	0.3
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	6	0.3
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	9	0.3
(1,898)	1:800:A:ILE:H	1:800:A:ILE:HB	20	0.3
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	17	0.3
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	18	0.3
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	3	0.3
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	9	0.3
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	18	0.3
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	2	0.3
(1,759)	1:918:A:GLN:HA	1:918:A:GLN:HG2	10	0.3
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	18	0.3
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	7	0.3
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	13	0.3
(1,672)	1:898:A:GLU:HA	1:901:A:PHE:HB3	9	0.3
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	6	0.3
(1,651)	1:854:A:ILE:HB	1:897:A:ILE:HG12	12	0.3
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	16	0.3
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	1	0.3
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	12	0.3
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	17	0.3
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	12	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	17	0.3
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	5	0.3
(1,507)	1:878:A:LYS:H	1:878:A:LYS:HE2	8	0.3
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	7	0.3
(1,501)	1:875:A:TYR:HA	1:878:A:LYS:HD3	5	0.3
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	1	0.3
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	4	0.3
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	20	0.3
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	19	0.3
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	6	0.3
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	6	0.3
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	17	0.3
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	2	0.3
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	19	0.3
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	3	0.3
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	7	0.3
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	4	0.3
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	13	0.3
(1,49)	1:808:A:GLU:HA	1:812:A:ILE:H	3	0.3
(1,3234)	1:857:A:LEU:CG	1:873:A:LEU:HD11	11	0.29
(1,3234)	1:857:A:LEU:CG	1:873:A:LEU:HD12	11	0.29
(1,3234)	1:857:A:LEU:CG	1:873:A:LEU:HD13	11	0.29
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	12	0.29
(1,3211)	1:856:A:SER:H	1:857:A:LEU:CG	1	0.29
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	1	0.29
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	4	0.29
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	4	0.29
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	1	0.29
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	9	0.29
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	12	0.29
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	20	0.29
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	15	0.29
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	20	0.29
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	11	0.29
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	11	0.29
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	13	0.29
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	1	0.29
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	8	0.29
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	9	0.29
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	2	0.29
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	7	0.29
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	11	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	18	0.29
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	14	0.29
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	5	0.29
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	7	0.29
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	1	0.29
(1,2424)	1:852:A:LEU:HA	1:856:A:SER:H	2	0.29
(1,2421)	1:824:A:ALA:HA	1:827:A:HIS:HD2	15	0.29
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	17	0.29
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	20	0.29
(1,2406)	1:867:A:SER:HA	1:911:A:HIS:HD2	10	0.29
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD1	1	0.29
(1,2269)	1:870:A:TYR:HE2	1:912:A:PHE:HD2	1	0.29
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD1	1	0.29
(1,2269)	1:870:A:TYR:HE1	1:912:A:PHE:HD2	1	0.29
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	6	0.29
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	17	0.29
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	15	0.29
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	18	0.29
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	7	0.29
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	20	0.29
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	7	0.29
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	12	0.29
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	19	0.29
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	14	0.29
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	3	0.29
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	4	0.29
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	7	0.29
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	6	0.29
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	15	0.29
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	1	0.29
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	18	0.29
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	11	0.29
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	6	0.29
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	5	0.29
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	15	0.29
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	2	0.29
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	20	0.29
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	12	0.29
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	19	0.29
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	1	0.29
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	7	0.29
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	19	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	1	0.29
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	17	0.29
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	19	0.29
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	11	0.29
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	1	0.29
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	15	0.29
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	11	0.29
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	15	0.29
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	5	0.29
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	1	0.29
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	5	0.29
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	3	0.29
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	8	0.29
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	16	0.29
(1,1916)	1:899:A:GLN:HA	1:899:A:GLN:HE21	20	0.29
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	4	0.29
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	2	0.29
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	16	0.29
(1,1792)	1:883:A:LYS:H	1:885:A:MET:H	8	0.29
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	18	0.29
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	19	0.29
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	1	0.29
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	3	0.29
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	3	0.29
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	13	0.29
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	9	0.29
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	6	0.29
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	19	0.29
(1,1703)	1:838:A:PRO:HB3	1:878:A:LYS:H	17	0.29
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	3	0.29
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	13	0.29
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	5	0.29
(1,1587)	1:893:A:GLN:HA	1:895:A:GLU:H	20	0.29
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	11	0.29
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	7	0.29
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	2	0.29
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	4	0.29
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	15	0.29
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	2	0.29
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	9	0.29
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	12	0.29
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	17	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	20	0.29
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	14	0.29
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	17	0.29
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	20	0.29
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	5	0.29
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	6	0.29
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	12	0.29
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	20	0.29
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	12	0.29
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	13	0.29
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	6	0.29
(1,1350)	1:846:A:GLU:HA	1:849:A:THR:H	20	0.29
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	1	0.29
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	15	0.29
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	2	0.29
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	4	0.29
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	6	0.29
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	9	0.29
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	14	0.29
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	3	0.29
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	12	0.29
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	7	0.29
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	16	0.29
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	11	0.29
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	20	0.29
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	11	0.29
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	18	0.29
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	4	0.29
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	16	0.29
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	11	0.29
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	7	0.29
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	8	0.29
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	15	0.29
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	13	0.29
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	9	0.29
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	1	0.29
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	5	0.29
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	10	0.29
(1,1107)	1:818:A:THR:HA	1:820:A:LYS:H	14	0.29
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	13	0.29
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	19	0.29
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	2	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	5	0.29
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	8	0.29
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	18	0.29
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	4	0.29
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	15	0.29
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	4	0.29
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	2	0.29
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	18	0.29
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	13	0.29
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	18	0.29
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	4	0.29
(1,985)	1:803:A:PRO:HA	1:809:A:PHE:H	18	0.29
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	8	0.29
(1,981)	1:808:A:GLU:HB3	1:809:A:PHE:H	11	0.29
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	16	0.29
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	17	0.29
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	16	0.29
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	14	0.29
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	5	0.29
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	13	0.29
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	13	0.29
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	7	0.29
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	16	0.29
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	12	0.29
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	13	0.29
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	11	0.29
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	17	0.29
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	8	0.29
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	6	0.29
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	8	0.29
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	13	0.29
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	17	0.29
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	14	0.29
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	8	0.29
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	2	0.29
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	16	0.29
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	3	0.29
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	4	0.29
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	20	0.29
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	15	0.29
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	17	0.29
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	6	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	15	0.29
(1,79)	1:812:A:ILE:HB	1:813:A:ILE:HA	7	0.29
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	10	0.29
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	20	0.28
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	20	0.28
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	20	0.28
(1,3180)	1:851:A:LEU:HA	1:851:A:LEU:CG	13	0.28
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	7	0.28
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	7	0.28
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	12	0.28
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	12	0.28
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	12	0.28
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	14	0.28
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	14	0.28
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	14	0.28
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	15	0.28
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	1	0.28
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	12	0.28
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	8	0.28
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	2	0.28
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	2	0.28
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	4	0.28
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	8	0.28
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	1	0.28
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	9	0.28
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	15	0.28
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	1	0.28
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	3	0.28
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	9	0.28
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	20	0.28
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	14	0.28
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	16	0.28
(1,2560)	1:848:A:ASP:H	1:851:A:LEU:HB2	12	0.28
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	12	0.28
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	19	0.28
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	2	0.28
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	17	0.28
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	3	0.28
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	18	0.28
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	6	0.28
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	14	0.28
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	3	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	17	0.28
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	4	0.28
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	17	0.28
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	15	0.28
(1,2406)	1:867:A:SER:HA	1:911:A:HIS:HD2	2	0.28
(1,2405)	1:889:A:ILE:HA	1:894:A:LYS:H	4	0.28
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	9	0.28
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	11	0.28
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	5	0.28
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	6	0.28
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	1	0.28
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	4	0.28
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	11	0.28
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	20	0.28
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	4	0.28
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	17	0.28
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	4	0.28
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	11	0.28
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	1	0.28
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	5	0.28
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	13	0.28
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	20	0.28
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	1	0.28
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	2	0.28
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	15	0.28
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	18	0.28
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	8	0.28
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	16	0.28
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	10	0.28
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	16	0.28
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	1	0.28
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	18	0.28
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	7	0.28
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	6	0.28
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	7	0.28
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	12	0.28
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	1	0.28
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	2	0.28
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	18	0.28
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	2	0.28
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	5	0.28
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	2	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	8	0.28
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	8	0.28
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	15	0.28
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	3	0.28
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	12	0.28
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	12	0.28
(1,1881)	1:894:A:LYS:HB3	1:895:A:GLU:H	20	0.28
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	6	0.28
(1,1845)	1:890:A:SER:HA	1:892:A:GLY:H	1	0.28
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	16	0.28
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	16	0.28
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	11	0.28
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	7	0.28
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	12	0.28
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	19	0.28
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	1	0.28
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	8	0.28
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	9	0.28
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	5	0.28
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	13	0.28
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	17	0.28
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	19	0.28
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	6	0.28
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	10	0.28
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	5	0.28
(1,1551)	1:867:A:SER:H	1:868:A:LEU:HB3	1	0.28
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	16	0.28
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	14	0.28
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	1	0.28
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	2	0.28
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	18	0.28
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	2	0.28
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	2	0.28
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	3	0.28
(1,1484)	1:855:A:GLN:HB2	1:859:A:ASN:HD21	9	0.28
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	1	0.28
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	6	0.28
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	2	0.28
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	8	0.28
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	18	0.28
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	15	0.28
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	8	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	17	0.28
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	18	0.28
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	20	0.28
(1,1391)	1:851:A:LEU:HB3	1:852:A:LEU:H	18	0.28
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	1	0.28
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	3	0.28
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	11	0.28
(1,1359)	1:849:A:THR:H	1:851:A:LEU:HB2	12	0.28
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	4	0.28
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	9	0.28
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	15	0.28
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	3	0.28
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	6	0.28
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	14	0.28
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	15	0.28
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	4	0.28
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	8	0.28
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	3	0.28
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	1	0.28
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	3	0.28
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	18	0.28
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	19	0.28
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	9	0.28
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	15	0.28
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	20	0.28
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	3	0.28
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	9	0.28
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	18	0.28
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	19	0.28
(1,1170)	1:825:A:CYS:HA	1:827:A:HIS:H	4	0.28
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	4	0.28
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	5	0.28
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	20	0.28
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	3	0.28
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	20	0.28
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	3	0.28
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	11	0.28
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	14	0.28
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	4	0.28
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	1	0.28
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	8	0.28
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	12	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	1	0.28
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	6	0.28
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	17	0.28
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	1	0.28
(1,907)	1:799:A:PRO:HB2	1:801:A:ALA:H	2	0.28
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	17	0.28
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	19	0.28
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	8	0.28
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	20	0.28
(1,803)	1:924:A:TYR:HA	1:925:A:GLU:HA	2	0.28
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	20	0.28
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	8	0.28
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	5	0.28
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	11	0.28
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	4	0.28
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	20	0.28
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	11	0.28
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	14	0.28
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	20	0.28
(1,682)	1:899:A:GLN:HA	1:903:A:ASP:H	20	0.28
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	5	0.28
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	11	0.28
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	11	0.28
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	11	0.28
(1,514)	1:838:A:PRO:HB2	1:879:A:ALA:HA	5	0.28
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	10	0.28
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	13	0.28
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	16	0.28
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	17	0.28
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	13	0.28
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	1	0.28
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	7	0.28
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	14	0.28
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	16	0.28
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	2	0.28
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	3	0.28
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	6	0.28
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	11	0.28
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	12	0.28
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	19	0.28
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	5	0.28
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	9	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	14	0.28
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	8	0.28
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	19	0.28
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	20	0.28
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	19	0.28
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	3	0.28
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	4	0.27
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	4	0.27
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	4	0.27
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	15	0.27
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	15	0.27
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	17	0.27
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	17	0.27
(1,3110)	1:832:A:THR:HB	1:837:A:LEU:CG	10	0.27
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	3	0.27
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	15	0.27
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	16	0.27
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	15	0.27
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	2	0.27
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	15	0.27
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	7	0.27
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	18	0.27
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	9	0.27
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	5	0.27
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	15	0.27
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	16	0.27
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	17	0.27
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	4	0.27
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	11	0.27
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	18	0.27
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	2	0.27
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	12	0.27
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	1	0.27
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	14	0.27
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	19	0.27
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	6	0.27
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	13	0.27
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	2	0.27
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	13	0.27
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	15	0.27
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	13	0.27
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	11	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	20	0.27
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	15	0.27
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	15	0.27
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	2	0.27
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	5	0.27
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	7	0.27
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	16	0.27
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	9	0.27
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	1	0.27
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	14	0.27
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	12	0.27
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	15	0.27
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	9	0.27
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	8	0.27
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	6	0.27
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	9	0.27
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	12	0.27
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	6	0.27
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	10	0.27
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	11	0.27
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	20	0.27
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	6	0.27
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	6	0.27
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	9	0.27
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	14	0.27
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	20	0.27
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	9	0.27
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	7	0.27
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	15	0.27
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	6	0.27
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	3	0.27
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	18	0.27
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	2	0.27
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	15	0.27
(1,2005)	1:902:A:GLU:HA	1:906:A:ASP:H	8	0.27
(1,2005)	1:902:A:GLU:HA	1:906:A:ASP:H	14	0.27
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	10	0.27
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	3	0.27
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	12	0.27
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	3	0.27
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	9	0.27
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	2	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1949)	1:900:A:LEU:HG	1:901:A:PHE:H	12	0.27
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	3	0.27
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	13	0.27
(1,1937)	1:897:A:ILE:H	1:900:A:LEU:H	2	0.27
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	9	0.27
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	15	0.27
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	17	0.27
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	11	0.27
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	9	0.27
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	10	0.27
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	5	0.27
(1,1891)	1:896:A:LEU:H	1:897:A:ILE:HG13	20	0.27
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	19	0.27
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	4	0.27
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	4	0.27
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	11	0.27
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	8	0.27
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	2	0.27
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	4	0.27
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	17	0.27
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	20	0.27
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	12	0.27
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	18	0.27
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	13	0.27
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	20	0.27
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	7	0.27
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	8	0.27
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	20	0.27
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	18	0.27
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	9	0.27
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	11	0.27
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	18	0.27
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	3	0.27
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	14	0.27
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	15	0.27
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	8	0.27
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	13	0.27
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	20	0.27
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	3	0.27
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	13	0.27
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	10	0.27
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	20	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	20	0.27
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	4	0.27
(1,1552)	1:866:A:PRO:HB2	1:867:A:SER:H	1	0.27
(1,1551)	1:867:A:SER:H	1:868:A:LEU:HB3	11	0.27
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	11	0.27
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	12	0.27
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	17	0.27
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	19	0.27
(1,1532)	1:860:A:ASN:HA	1:864:A:LYS:H	6	0.27
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	6	0.27
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	12	0.27
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	17	0.27
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	9	0.27
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	10	0.27
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	15	0.27
(1,1460)	1:857:A:LEU:H	1:857:A:LEU:HB3	19	0.27
(1,1445)	1:855:A:GLN:HE22	1:896:A:LEU:HG	8	0.27
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	1	0.27
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	3	0.27
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	6	0.27
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	10	0.27
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	11	0.27
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	19	0.27
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	20	0.27
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	19	0.27
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	15	0.27
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	2	0.27
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	7	0.27
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	18	0.27
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	19	0.27
(1,1391)	1:851:A:LEU:HB3	1:852:A:LEU:H	7	0.27
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	9	0.27
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	8	0.27
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	15	0.27
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	7	0.27
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	13	0.27
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	8	0.27
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	9	0.27
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	16	0.27
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	6	0.27
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	9	0.27
(1,1319)	1:843:A:ASN:HA	1:843:A:ASN:HD22	20	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	4	0.27
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	4	0.27
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	12	0.27
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	14	0.27
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	4	0.27
(1,1234)	1:828:A:LEU:HG	1:832:A:THR:H	12	0.27
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	4	0.27
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	9	0.27
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	3	0.27
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	3	0.27
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	2	0.27
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	19	0.27
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	20	0.27
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	10	0.27
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	11	0.27
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	18	0.27
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	19	0.27
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	1	0.27
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	19	0.27
(1,1107)	1:818:A:THR:HA	1:820:A:LYS:H	1	0.27
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	10	0.27
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	19	0.27
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	15	0.27
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	7	0.27
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	8	0.27
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	15	0.27
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	4	0.27
(1,1058)	1:811:A:GLN:HA	1:815:A:ALA:H	5	0.27
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	12	0.27
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	16	0.27
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	10	0.27
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	9	0.27
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	5	0.27
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	3	0.27
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	6	0.27
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	9	0.27
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	11	0.27
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	19	0.27
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	10	0.27
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	11	0.27
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	5	0.27
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	13	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	20	0.27
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	17	0.27
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	5	0.27
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	12	0.27
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	14	0.27
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	15	0.27
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	19	0.27
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	19	0.27
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	17	0.27
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	11	0.27
(1,724)	1:909:A:ASN:HA	1:909:A:ASN:HD22	4	0.27
(1,685)	1:899:A:GLN:HA	1:899:A:GLN:HG2	14	0.27
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	16	0.27
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	19	0.27
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	5	0.27
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	6	0.27
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	19	0.27
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	14	0.27
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	13	0.27
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	14	0.27
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	3	0.27
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	9	0.27
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	17	0.27
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	12	0.27
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	12	0.27
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	1	0.27
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	9	0.27
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	10	0.27
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	13	0.27
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	14	0.27
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	20	0.27
(1,228)	1:833:A:ALA:HA	1:834:A:PRO:HG2	20	0.27
(1,227)	1:833:A:ALA:HA	1:834:A:PRO:HG3	5	0.27
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	1	0.27
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	1	0.27
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	8	0.27
(1,18)	1:800:A:ILE:H	1:800:A:ILE:HG12	14	0.27
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	15	0.27
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	18	0.26
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	18	0.26
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	18	0.26
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	6	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	6	0.26
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	13	0.26
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	13	0.26
(1,3139)	1:837:A:LEU:CG	1:876:A:LEU:HB2	14	0.26
(1,3139)	1:837:A:LEU:CG	1:876:A:LEU:HB3	14	0.26
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	16	0.26
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	16	0.26
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	4	0.26
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	20	0.26
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	15	0.26
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	13	0.26
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	14	0.26
(1,2965)	1:893:A:GLN:HB3	1:894:A:LYS:H	19	0.26
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	7	0.26
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	8	0.26
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	10	0.26
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	5	0.26
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	12	0.26
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	20	0.26
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	7	0.26
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	18	0.26
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	9	0.26
(1,2891)	1:874:A:LEU:HG	1:877:A:SER:HG	13	0.26
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	8	0.26
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	18	0.26
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	18	0.26
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	18	0.26
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	18	0.26
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	18	0.26
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	18	0.26
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	11	0.26
(1,2716)	1:898:A:GLU:HA	1:898:A:GLU:HG3	11	0.26
(1,2692)	1:923:A:GLN:HG2	1:924:A:TYR:H	12	0.26
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	3	0.26
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	9	0.26
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	12	0.26
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	2	0.26
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	14	0.26
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	4	0.26
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	14	0.26
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	1	0.26
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	16	0.26
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	17	0.26
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	1	0.26
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	5	0.26
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	2	0.26
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	13	0.26
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	12	0.26
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	8	0.26
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	18	0.26
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	13	0.26
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	7	0.26
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	19	0.26
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	4	0.26
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	6	0.26
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	1	0.26
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	6	0.26
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	15	0.26
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	5	0.26
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	14	0.26
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	12	0.26
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	3	0.26
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	16	0.26
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	6	0.26
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	7	0.26
(1,2084)	1:915:A:GLU:HB2	1:916:A:ASP:H	9	0.26
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	16	0.26
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	2	0.26
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	17	0.26
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	1	0.26
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	18	0.26
(1,2027)	1:910:A:ASN:HA	1:910:A:ASN:HD22	14	0.26
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	7	0.26
(1,2012)	1:906:A:ASP:H	1:907:A:THR:H	3	0.26
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	4	0.26
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	16	0.26
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	15	0.26
(1,1992)	1:903:A:ASP:HB3	1:905:A:SER:H	9	0.26
(1,1992)	1:903:A:ASP:HB3	1:905:A:SER:H	18	0.26
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	15	0.26
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	18	0.26
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	7	0.26
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	18	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	11	0.26
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	12	0.26
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	3	0.26
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	6	0.26
(1,1845)	1:890:A:SER:HA	1:892:A:GLY:H	12	0.26
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	9	0.26
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	19	0.26
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	4	0.26
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	5	0.26
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	10	0.26
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	11	0.26
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	20	0.26
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	8	0.26
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	16	0.26
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	12	0.26
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	16	0.26
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	6	0.26
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	9	0.26
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	11	0.26
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	18	0.26
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	18	0.26
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	18	0.26
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	3	0.26
(1,1715)	1:838:A:PRO:HB2	1:879:A:ALA:H	11	0.26
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	8	0.26
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	9	0.26
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	20	0.26
(1,1617)	1:872:A:HIS:H	1:872:A:HIS:HD2	19	0.26
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	18	0.26
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	2	0.26
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	16	0.26
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	1	0.26
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	4	0.26
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	9	0.26
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	12	0.26
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	14	0.26
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	4	0.26
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	8	0.26
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	17	0.26
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	9	0.26
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	3	0.26
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	15	0.26
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	4	0.26
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	2	0.26
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	20	0.26
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	19	0.26
(1,1445)	1:855:A:GLN:HE22	1:896:A:LEU:HG	14	0.26
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	4	0.26
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	5	0.26
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	9	0.26
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	12	0.26
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	13	0.26
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	15	0.26
(1,1440)	1:855:A:GLN:HA	1:855:A:GLN:HE22	5	0.26
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	3	0.26
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	11	0.26
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	9	0.26
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	3	0.26
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	5	0.26
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	17	0.26
(1,1391)	1:851:A:LEU:HB3	1:852:A:LEU:H	8	0.26
(1,1387)	1:848:A:ASP:HA	1:852:A:LEU:H	20	0.26
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	7	0.26
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	18	0.26
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	18	0.26
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	2	0.26
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	4	0.26
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	6	0.26
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	18	0.26
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	20	0.26
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	9	0.26
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	13	0.26
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	5	0.26
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	17	0.26
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	19	0.26
(1,1241)	1:833:A:ALA:H	1:837:A:LEU:HA	1	0.26
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	2	0.26
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	1	0.26
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	5	0.26
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	10	0.26
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	1	0.26
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	18	0.26
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	6	0.26
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	9	0.26
(1,1125)	1:821:A:ASP:HB3	1:822:A:LYS:H	4	0.26
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	19	0.26
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	18	0.26
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	18	0.26
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	7	0.26
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	12	0.26
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	20	0.26
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	4	0.26
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	1	0.26
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	11	0.26
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	8	0.26
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	2	0.26
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	1	0.26
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	12	0.26
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	2	0.26
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	2	0.26
(1,1000)	1:811:A:GLN:H	1:812:A:ILE:HB	16	0.26
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	14	0.26
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	18	0.26
(1,951)	1:805:A:ASN:HD21	1:806:A:ALA:H	14	0.26
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	7	0.26
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	19	0.26
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	1	0.26
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	7	0.26
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	8	0.26
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	20	0.26
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	13	0.26
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	9	0.26
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	5	0.26
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	12	0.26
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	19	0.26
(1,885)	1:797:A:LYS:H	1:797:A:LYS:HB3	20	0.26
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	2	0.26
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	7	0.26
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	12	0.26
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	2	0.26
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	7	0.26
(1,765)	1:917:A:ILE:H	1:918:A:GLN:HG3	18	0.26
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	17	0.26
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	6	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	6	0.26
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	7	0.26
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	8	0.26
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	9	0.26
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	13	0.26
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	15	0.26
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	17	0.26
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	16	0.26
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	6	0.26
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	17	0.26
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	2	0.26
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	7	0.26
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	16	0.26
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	12	0.26
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	18	0.26
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	8	0.26
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	9	0.26
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	18	0.26
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	12	0.26
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	15	0.26
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	4	0.26
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	17	0.26
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	3	0.26
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	14	0.26
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	15	0.26
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	17	0.26
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	19	0.26
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	4	0.26
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	5	0.26
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	7	0.26
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	17	0.26
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	18	0.26
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	19	0.26
(1,122)	1:816:A:LEU:H	1:818:A:THR:HB	8	0.26
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	15	0.26
(1,17)	1:799:A:PRO:HA	1:800:A:ILE:HB	18	0.26
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	3	0.26
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	17	0.26
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	3	0.25
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	3	0.25
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	3	0.25
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	5	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	5	0.25
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	5	0.25
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	8	0.25
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	8	0.25
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	8	0.25
(1,3173)	1:848:A:ASP:HA	1:851:A:LEU:CG	19	0.25
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	17	0.25
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	17	0.25
(1,3117)	1:834:A:PRO:HA	1:837:A:LEU:CG	19	0.25
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	1	0.25
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	1	0.25
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	1	0.25
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	15	0.25
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	3	0.25
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	13	0.25
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	17	0.25
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	19	0.25
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	8	0.25
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	17	0.25
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	19	0.25
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	5	0.25
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	12	0.25
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	12	0.25
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	8	0.25
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	12	0.25
(1,2915)	1:811:A:GLN:HA	1:814:A:ASN:HB3	20	0.25
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	8	0.25
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	10	0.25
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	12	0.25
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	13	0.25
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	19	0.25
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	16	0.25
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	9	0.25
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	11	0.25
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	18	0.25
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	10	0.25
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	12	0.25
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	1	0.25
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	2	0.25
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	8	0.25
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	8	0.25
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	9	0.25
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	9	0.25
(1,2473)	1:811:A:GLN:HE21	1:814:A:ASN:HB3	10	0.25
(1,2473)	1:811:A:GLN:HE21	1:814:A:ASN:HB3	19	0.25
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	6	0.25
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	6	0.25
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	16	0.25
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	9	0.25
(1,2415)	1:914:A:LEU:HA	1:918:A:GLN:H	13	0.25
(1,2408)	1:834:A:PRO:HA	1:872:A:HIS:HE1	5	0.25
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	4	0.25
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	7	0.25
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	8	0.25
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	10	0.25
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	15	0.25
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	15	0.25
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	16	0.25
(1,2183)	1:921:A:LYS:HB2	1:923:A:GLN:H	4	0.25
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	3	0.25
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	19	0.25
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	16	0.25
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	19	0.25
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	8	0.25
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	1	0.25
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	17	0.25
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	11	0.25
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	11	0.25
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	1	0.25
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	10	0.25
(1,2105)	1:915:A:GLU:HA	1:918:A:GLN:H	3	0.25
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	3	0.25
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	2	0.25
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	10	0.25
(1,2071)	1:915:A:GLU:H	1:915:A:GLU:HB3	2	0.25
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	18	0.25
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	19	0.25
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	7	0.25
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	20	0.25
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	20	0.25
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	3	0.25
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	1	0.25
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	14	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	20	0.25
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	17	0.25
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	13	0.25
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	9	0.25
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	18	0.25
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	3	0.25
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	5	0.25
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	6	0.25
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	14	0.25
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	12	0.25
(1,1948)	1:900:A:LEU:HB2	1:901:A:PHE:H	16	0.25
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	5	0.25
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	11	0.25
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	17	0.25
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	7	0.25
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	11	0.25
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	2	0.25
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	17	0.25
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	16	0.25
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	17	0.25
(1,1838)	1:891:A:LYS:H	1:891:A:LYS:HG3	1	0.25
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	4	0.25
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	19	0.25
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	11	0.25
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	12	0.25
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	12	0.25
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	8	0.25
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	10	0.25
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	13	0.25
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	3	0.25
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	5	0.25
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	6	0.25
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	17	0.25
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	19	0.25
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	9	0.25
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	19	0.25
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	8	0.25
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	14	0.25
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	7	0.25
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	3	0.25
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	5	0.25
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	15	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	1	0.25
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	18	0.25
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	2	0.25
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	11	0.25
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	18	0.25
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	16	0.25
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	7	0.25
(1,1441)	1:855:A:GLN:HG2	1:855:A:GLN:HE22	16	0.25
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	13	0.25
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	16	0.25
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	20	0.25
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	8	0.25
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	4	0.25
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	12	0.25
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	17	0.25
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	16	0.25
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	13	0.25
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	5	0.25
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	1	0.25
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	7	0.25
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	2	0.25
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	19	0.25
(1,1246)	1:832:A:THR:H	1:833:A:ALA:H	5	0.25
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	11	0.25
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	15	0.25
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	16	0.25
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	19	0.25
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	17	0.25
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	16	0.25
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	13	0.25
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	11	0.25
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	16	0.25
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	8	0.25
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	13	0.25
(1,1146)	1:816:A:LEU:HG	1:825:A:CYS:H	8	0.25
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	12	0.25
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	6	0.25
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	1	0.25
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	6	0.25
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	7	0.25
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	12	0.25
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	15	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	16	0.25
(1,1095)	1:819:A:ARG:H	1:819:A:ARG:HG2	3	0.25
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	12	0.25
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	12	0.25
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	13	0.25
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	20	0.25
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	4	0.25
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	19	0.25
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	10	0.25
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	16	0.25
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	18	0.25
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	13	0.25
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	18	0.25
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	9	0.25
(1,1011)	1:811:A:GLN:HA	1:811:A:GLN:HE22	17	0.25
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	2	0.25
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	1	0.25
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	15	0.25
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	17	0.25
(1,925)	1:804:A:ASN:H	1:808:A:GLU:HA	13	0.25
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	4	0.25
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	15	0.25
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	1	0.25
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	7	0.25
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	16	0.25
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	13	0.25
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	19	0.25
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	6	0.25
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	3	0.25
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	5	0.25
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	17	0.25
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	14	0.25
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	17	0.25
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	3	0.25
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	4	0.25
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	10	0.25
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	18	0.25
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	13	0.25
(1,510)	1:878:A:LYS:HA	1:878:A:LYS:HE2	6	0.25
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	12	0.25
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	14	0.25
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	15	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	3	0.25
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	10	0.25
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	18	0.25
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	18	0.25
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	20	0.25
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	1	0.25
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	8	0.25
(1,314)	1:853:A:LEU:HA	1:853:A:LEU:HG	15	0.25
(1,236)	1:834:A:PRO:HA	1:837:A:LEU:HA	4	0.25
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	13	0.25
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	6	0.25
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	8	0.25
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	11	0.25
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	14	0.25
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	16	0.25
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	17	0.25
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	18	0.25
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	3	0.25
(1,134)	1:820:A:LYS:HA	1:820:A:LYS:HD2	3	0.25
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	6	0.25
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	20	0.25
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	3	0.24
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	3	0.24
(1,3174)	1:848:A:ASP:HB2	1:851:A:LEU:CG	3	0.24
(1,3174)	1:848:A:ASP:HB3	1:851:A:LEU:CG	3	0.24
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	6	0.24
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	6	0.24
(1,3117)	1:834:A:PRO:HA	1:837:A:LEU:CG	2	0.24
(1,3117)	1:834:A:PRO:HA	1:837:A:LEU:CG	10	0.24
(1,3117)	1:834:A:PRO:HA	1:837:A:LEU:CG	15	0.24
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	20	0.24
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	6	0.24
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	2	0.24
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	4	0.24
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	6	0.24
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	17	0.24
(1,2998)	1:917:A:ILE:H	1:919:A:ALA:H	16	0.24
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	7	0.24
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	10	0.24
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	11	0.24
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	13	0.24
(1,2943)	1:833:A:ALA:HA	1:872:A:HIS:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	4	0.24
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	18	0.24
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	12	0.24
(1,2679)	1:834:A:PRO:HB2	1:875:A:TYR:H	4	0.24
(1,2669)	1:886:A:LEU:H	1:888:A:LEU:H	15	0.24
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	6	0.24
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	14	0.24
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	16	0.24
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	17	0.24
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	5	0.24
(1,2561)	1:888:A:LEU:HB3	1:889:A:ILE:H	7	0.24
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	18	0.24
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	7	0.24
(1,2527)	1:854:A:ILE:HB	1:857:A:LEU:H	4	0.24
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	17	0.24
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	5	0.24
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	9	0.24
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	11	0.24
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	12	0.24
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	18	0.24
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	13	0.24
(1,2444)	1:823:A:GLU:HA	1:860:A:ASN:HD21	3	0.24
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	7	0.24
(1,2418)	1:856:A:SER:HA	1:859:A:ASN:HD21	12	0.24
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	5	0.24
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	8	0.24
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	10	0.24
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	12	0.24
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	16	0.24
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	15	0.24
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	9	0.24
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	5	0.24
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	17	0.24
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	9	0.24
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	3	0.24
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	7	0.24
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	2	0.24
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	16	0.24
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	20	0.24
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	6	0.24
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	17	0.24
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	16	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	15	0.24
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	5	0.24
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	20	0.24
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	8	0.24
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	7	0.24
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	14	0.24
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	19	0.24
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	16	0.24
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	1	0.24
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	15	0.24
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	1	0.24
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	7	0.24
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	9	0.24
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	19	0.24
(1,2066)	1:915:A:GLU:H	1:916:A:ASP:H	5	0.24
(1,2064)	1:913:A:THR:H	1:915:A:GLU:H	8	0.24
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	2	0.24
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	9	0.24
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	7	0.24
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	6	0.24
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	11	0.24
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	13	0.24
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	19	0.24
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	1	0.24
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	19	0.24
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	17	0.24
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	7	0.24
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	14	0.24
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	2	0.24
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	19	0.24
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	11	0.24
(1,1886)	1:893:A:GLN:HA	1:896:A:LEU:H	3	0.24
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	15	0.24
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	7	0.24
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	12	0.24
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	13	0.24
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	2	0.24
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	7	0.24
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	6	0.24
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	15	0.24
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	18	0.24
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	19	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	16	0.24
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	7	0.24
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	6	0.24
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	8	0.24
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	15	0.24
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	16	0.24
(1,1629)	1:869:A:VAL:HA	1:873:A:LEU:H	16	0.24
(1,1612)	1:872:A:HIS:H	1:873:A:LEU:HG	16	0.24
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	2	0.24
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	9	0.24
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	7	0.24
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	6	0.24
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	13	0.24
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	4	0.24
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	7	0.24
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	9	0.24
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	10	0.24
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	11	0.24
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	16	0.24
(1,1414)	1:851:A:LEU:HA	1:854:A:ILE:H	3	0.24
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	15	0.24
(1,1373)	1:848:A:ASP:HA	1:850:A:PHE:H	20	0.24
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	1	0.24
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	13	0.24
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	3	0.24
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	17	0.24
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	5	0.24
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	9	0.24
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	18	0.24
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	4	0.24
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	11	0.24
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	1	0.24
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	9	0.24
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	18	0.24
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	19	0.24
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	7	0.24
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	9	0.24
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	13	0.24
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	17	0.24
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	20	0.24
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	7	0.24
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	14	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	19	0.24
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	11	0.24
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	15	0.24
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	4	0.24
(1,1108)	1:817:A:SER:HA	1:820:A:LYS:H	14	0.24
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	15	0.24
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	9	0.24
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	4	0.24
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	6	0.24
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	14	0.24
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	2	0.24
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	6	0.24
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	16	0.24
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	4	0.24
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	7	0.24
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	5	0.24
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	8	0.24
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	9	0.24
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	5	0.24
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	20	0.24
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	12	0.24
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	7	0.24
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	17	0.24
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	8	0.24
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	9	0.24
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	13	0.24
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	9	0.24
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	13	0.24
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	5	0.24
(1,903)	1:800:A:ILE:H	1:827:A:HIS:HD2	20	0.24
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	18	0.24
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	10	0.24
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	20	0.24
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	4	0.24
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	4	0.24
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	15	0.24
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	2	0.24
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	3	0.24
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	4	0.24
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	5	0.24
(1,704)	1:903:A:ASP:HA	1:906:A:ASP:HB2	18	0.24
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	20	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	1	0.24
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	3	0.24
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	3	0.24
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	12	0.24
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	4	0.24
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	15	0.24
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	19	0.24
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	6	0.24
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	18	0.24
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	11	0.24
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	11	0.24
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	4	0.24
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	7	0.24
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	11	0.24
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	13	0.24
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	20	0.24
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	1	0.24
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	13	0.24
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	1	0.24
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	5	0.24
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	7	0.24
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	9	0.24
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	12	0.24
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	20	0.24
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	8	0.24
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD2	13	0.24
(1,131)	1:818:A:THR:HG21	1:819:A:ARG:HD3	13	0.24
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD2	13	0.24
(1,131)	1:818:A:THR:HG22	1:819:A:ARG:HD3	13	0.24
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD2	13	0.24
(1,131)	1:818:A:THR:HG23	1:819:A:ARG:HD3	13	0.24
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	18	0.24
(1,3240)	1:861:A:LEU:CG	1:864:A:LYS:HB2	14	0.23
(1,3240)	1:861:A:LEU:CG	1:864:A:LYS:HB2	18	0.23
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	6	0.23
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	6	0.23
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	6	0.23
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	19	0.23
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	19	0.23
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	19	0.23
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD12	3	0.23
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD13	3	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3093)	1:822:A:LYS:HG2	1:852:A:LEU:HD11	3	0.23
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD12	3	0.23
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD13	3	0.23
(1,3093)	1:822:A:LYS:HG3	1:852:A:LEU:HD11	3	0.23
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	1	0.23
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	7	0.23
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	18	0.23
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	14	0.23
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	2	0.23
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	19	0.23
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	1	0.23
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	6	0.23
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	9	0.23
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	13	0.23
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	14	0.23
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	12	0.23
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	5	0.23
(1,2939)	1:913:A:THR:HB	1:916:A:ASP:H	4	0.23
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	14	0.23
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	14	0.23
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	14	0.23
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	14	0.23
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	14	0.23
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	14	0.23
(1,2746)	1:813:A:ILE:HA	1:816:A:LEU:HB3	14	0.23
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	2	0.23
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	6	0.23
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	10	0.23
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	15	0.23
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	19	0.23
(1,2661)	1:861:A:LEU:H	1:863:A:GLU:H	16	0.23
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	16	0.23
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	20	0.23
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	3	0.23
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	9	0.23
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	13	0.23
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	4	0.23
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	10	0.23
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	20	0.23
(1,2568)	1:837:A:LEU:H	1:837:A:LEU:HG	4	0.23
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	16	0.23
(1,2542)	1:816:A:LEU:HB2	1:825:A:CYS:H	7	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	6	0.23
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	5	0.23
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	13	0.23
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	3	0.23
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	8	0.23
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	10	0.23
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	19	0.23
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	20	0.23
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	16	0.23
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	1	0.23
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	9	0.23
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	18	0.23
(1,2405)	1:889:A:ILE:HA	1:894:A:LYS:H	7	0.23
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	1	0.23
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	6	0.23
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	13	0.23
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	14	0.23
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	17	0.23
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	7	0.23
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	20	0.23
(1,2238)	1:876:A:LEU:HA	1:924:A:TYR:HH	11	0.23
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	15	0.23
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	20	0.23
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	10	0.23
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	11	0.23
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	20	0.23
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	2	0.23
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	12	0.23
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	13	0.23
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	20	0.23
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	9	0.23
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	4	0.23
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	17	0.23
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	20	0.23
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	20	0.23
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	18	0.23
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	13	0.23
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	17	0.23
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	1	0.23
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	1	0.23
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	5	0.23
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	16	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	17	0.23
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	18	0.23
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	16	0.23
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	2	0.23
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	1	0.23
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	6	0.23
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	12	0.23
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	13	0.23
(1,2005)	1:902:A:GLU:HA	1:906:A:ASP:H	3	0.23
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	2	0.23
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	11	0.23
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	18	0.23
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	4	0.23
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	6	0.23
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	8	0.23
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	11	0.23
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	12	0.23
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	2	0.23
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	19	0.23
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	2	0.23
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	5	0.23
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	20	0.23
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	20	0.23
(1,1845)	1:890:A:SER:HA	1:892:A:GLY:H	9	0.23
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	1	0.23
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	19	0.23
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	14	0.23
(1,1805)	1:887:A:THR:H	1:888:A:LEU:HB3	10	0.23
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	3	0.23
(1,1787)	1:883:A:LYS:HA	1:885:A:MET:H	13	0.23
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	2	0.23
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	9	0.23
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	20	0.23
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	10	0.23
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	19	0.23
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	17	0.23
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	9	0.23
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	10	0.23
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	20	0.23
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	6	0.23
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	10	0.23
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	11	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	12	0.23
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	18	0.23
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	12	0.23
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	18	0.23
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	6	0.23
(1,1532)	1:860:A:ASN:HA	1:864:A:LYS:H	15	0.23
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	5	0.23
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	3	0.23
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	4	0.23
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	6	0.23
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	9	0.23
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	1	0.23
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	9	0.23
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	2	0.23
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	10	0.23
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	12	0.23
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	18	0.23
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	3	0.23
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	4	0.23
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	14	0.23
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	1	0.23
(1,1350)	1:846:A:GLU:HA	1:849:A:THR:H	8	0.23
(1,1350)	1:846:A:GLU:HA	1:849:A:THR:H	9	0.23
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	5	0.23
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	15	0.23
(1,1319)	1:843:A:ASN:HA	1:843:A:ASN:HD22	8	0.23
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	8	0.23
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	12	0.23
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	2	0.23
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	11	0.23
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	8	0.23
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	12	0.23
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	1	0.23
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	16	0.23
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	16	0.23
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	12	0.23
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	11	0.23
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	15	0.23
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	16	0.23
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	1	0.23
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	14	0.23
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	20	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1241)	1:833:A:ALA:H	1:837:A:LEU:HA	17	0.23
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	3	0.23
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	11	0.23
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	18	0.23
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	3	0.23
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	15	0.23
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	7	0.23
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	2	0.23
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	4	0.23
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	4	0.23
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	2	0.23
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	2	0.23
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	19	0.23
(1,1084)	1:818:A:THR:H	1:819:A:ARG:HG3	19	0.23
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	9	0.23
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	13	0.23
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	5	0.23
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	6	0.23
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	17	0.23
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	6	0.23
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	20	0.23
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	2	0.23
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	19	0.23
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	17	0.23
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	6	0.23
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	18	0.23
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	3	0.23
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	19	0.23
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	3	0.23
(1,969)	1:805:A:ASN:HD21	1:808:A:GLU:H	16	0.23
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	14	0.23
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	18	0.23
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	9	0.23
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	9	0.23
(1,902)	1:799:A:PRO:HA	1:800:A:ILE:H	5	0.23
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	3	0.23
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	6	0.23
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	17	0.23
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	14	0.23
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	16	0.23
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	1	0.23
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	4	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	7	0.23
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	16	0.23
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	11	0.23
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	19	0.23
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	15	0.23
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	3	0.23
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	10	0.23
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	1	0.23
(1,735)	1:915:A:GLU:HA	1:918:A:GLN:HB2	2	0.23
(1,735)	1:915:A:GLU:HA	1:918:A:GLN:HB2	18	0.23
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	13	0.23
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	2	0.23
(1,643)	1:897:A:ILE:HA	1:898:A:GLU:HA	14	0.23
(1,506)	1:878:A:LYS:H	1:878:A:LYS:HD3	5	0.23
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	2	0.23
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	4	0.23
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	6	0.23
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	7	0.23
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	11	0.23
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	17	0.23
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	18	0.23
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	11	0.23
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	1	0.23
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	14	0.23
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	16	0.23
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	5	0.23
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	4	0.23
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	4	0.23
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	17	0.23
(1,288)	1:850:A:PHE:HA	1:852:A:LEU:H	6	0.23
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	4	0.23
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	10	0.23
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	2	0.23
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	4	0.23
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	10	0.23
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	13	0.23
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	15	0.23
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	14	0.23
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	15	0.23
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	16	0.23
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	15	0.22
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	15	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	15	0.22
(1,3117)	1:834:A:PRO:HA	1:837:A:LEU:CG	9	0.22
(1,3117)	1:834:A:PRO:HA	1:837:A:LEU:CG	20	0.22
(1,3112)	1:832:A:THR:HG21	1:837:A:LEU:CG	4	0.22
(1,3112)	1:832:A:THR:HG22	1:837:A:LEU:CG	4	0.22
(1,3112)	1:832:A:THR:HG23	1:837:A:LEU:CG	4	0.22
(1,3110)	1:832:A:THR:HB	1:837:A:LEU:CG	19	0.22
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	17	0.22
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD21	12	0.22
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD22	12	0.22
(1,3088)	1:820:A:LYS:HD2	1:852:A:LEU:HD23	12	0.22
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD21	12	0.22
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD22	12	0.22
(1,3088)	1:820:A:LYS:HD3	1:852:A:LEU:HD23	12	0.22
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	17	0.22
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	20	0.22
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	8	0.22
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	13	0.22
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	16	0.22
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	5	0.22
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	12	0.22
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	1	0.22
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	18	0.22
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	3	0.22
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	17	0.22
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	4	0.22
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	20	0.22
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	12	0.22
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	6	0.22
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	16	0.22
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	14	0.22
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	5	0.22
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	1	0.22
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	3	0.22
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	10	0.22
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	12	0.22
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	7	0.22
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	15	0.22
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	2	0.22
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	2	0.22
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	12	0.22
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	17	0.22
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	18	0.22
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	6	0.22
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	10	0.22
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	13	0.22
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	18	0.22
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	10	0.22
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	9	0.22
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	2	0.22
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	4	0.22
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	19	0.22
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	20	0.22
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	3	0.22
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	11	0.22
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	16	0.22
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	3	0.22
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	19	0.22
(1,2137)	1:918:A:GLN:H	1:920:A:LEU:H	20	0.22
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	18	0.22
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	5	0.22
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	1	0.22
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	14	0.22
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	16	0.22
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	7	0.22
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	19	0.22
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	9	0.22
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	4	0.22
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	7	0.22
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	15	0.22
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	20	0.22
(1,2091)	1:912:A:PHE:HB2	1:917:A:ILE:H	16	0.22
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	13	0.22
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	14	0.22
(1,2067)	1:913:A:THR:HB	1:915:A:GLU:H	19	0.22
(1,2064)	1:913:A:THR:H	1:915:A:GLU:H	1	0.22
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	20	0.22
(1,2048)	1:913:A:THR:H	1:914:A:LEU:HA	13	0.22
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	1	0.22
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	3	0.22
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	4	0.22
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	3	0.22
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	17	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	20	0.22
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	5	0.22
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	10	0.22
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	14	0.22
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	8	0.22
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	19	0.22
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	2	0.22
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	13	0.22
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	4	0.22
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	20	0.22
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	11	0.22
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	13	0.22
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	16	0.22
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	17	0.22
(1,1921)	1:899:A:GLN:HA	1:899:A:GLN:HE22	20	0.22
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	16	0.22
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	4	0.22
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	6	0.22
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	7	0.22
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	17	0.22
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	1	0.22
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	6	0.22
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	1	0.22
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	9	0.22
(1,1852)	1:890:A:SER:HA	1:893:A:GLN:H	7	0.22
(1,1844)	1:892:A:GLY:H	1:894:A:LYS:H	10	0.22
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	3	0.22
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	11	0.22
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	14	0.22
(1,1805)	1:887:A:THR:H	1:888:A:LEU:HB3	2	0.22
(1,1789)	1:885:A:MET:H	1:886:A:LEU:HA	6	0.22
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	6	0.22
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	4	0.22
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	2	0.22
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	5	0.22
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	7	0.22
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	13	0.22
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	1	0.22
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	17	0.22
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	20	0.22
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	16	0.22
(1,1587)	1:893:A:GLN:HA	1:895:A:GLU:H	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1587)	1:893:A:GLN:HA	1:895:A:GLU:H	9	0.22
(1,1574)	1:866:A:PRO:HA	1:868:A:LEU:H	5	0.22
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	18	0.22
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	8	0.22
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	4	0.22
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	20	0.22
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	18	0.22
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	2	0.22
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	12	0.22
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	15	0.22
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	19	0.22
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	3	0.22
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	19	0.22
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	3	0.22
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	5	0.22
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	10	0.22
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	15	0.22
(1,1497)	1:860:A:ASN:HA	1:860:A:ASN:HD21	11	0.22
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	17	0.22
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	20	0.22
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	15	0.22
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	16	0.22
(1,1452)	1:855:A:GLN:HG2	1:856:A:SER:H	14	0.22
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	11	0.22
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	13	0.22
(1,1311)	1:841:A:LEU:HG	1:842:A:SER:H	16	0.22
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	17	0.22
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	15	0.22
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	4	0.22
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	13	0.22
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	2	0.22
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	13	0.22
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	14	0.22
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	7	0.22
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	2	0.22
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	1	0.22
(1,1184)	1:828:A:LEU:H	1:828:A:LEU:HB3	19	0.22
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	2	0.22
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	14	0.22
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	8	0.22
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	10	0.22
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	10	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	11	0.22
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	10	0.22
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	17	0.22
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	11	0.22
(1,1089)	1:818:A:THR:H	1:818:A:THR:HB	16	0.22
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	17	0.22
(1,1084)	1:818:A:THR:H	1:819:A:ARG:HG3	5	0.22
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	8	0.22
(1,1078)	1:814:A:ASN:HA	1:817:A:SER:H	2	0.22
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	3	0.22
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	7	0.22
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	2	0.22
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	19	0.22
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	13	0.22
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	5	0.22
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	3	0.22
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	20	0.22
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	17	0.22
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	12	0.22
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	17	0.22
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	14	0.22
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	12	0.22
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	17	0.22
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	3	0.22
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	11	0.22
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	3	0.22
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	6	0.22
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	9	0.22
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	12	0.22
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	11	0.22
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	9	0.22
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	13	0.22
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	14	0.22
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	13	0.22
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	20	0.22
(1,735)	1:915:A:GLU:HA	1:918:A:GLN:HB2	13	0.22
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	18	0.22
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	8	0.22
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	10	0.22
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	16	0.22
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	19	0.22
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	12	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	20	0.22
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	2	0.22
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	2	0.22
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	20	0.22
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	13	0.22
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	9	0.22
(1,17)	1:799:A:PRO:HA	1:800:A:ILE:HB	17	0.22
(1,5)	1:798:A:LEU:HA	1:799:A:PRO:HD3	5	0.22
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	19	0.21
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	7	0.21
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	7	0.21
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	7	0.21
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	12	0.21
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	12	0.21
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	12	0.21
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	20	0.21
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	20	0.21
(1,3117)	1:834:A:PRO:HA	1:837:A:LEU:CG	12	0.21
(1,3106)	1:829:A:LEU:HD21	1:861:A:LEU:CG	4	0.21
(1,3106)	1:829:A:LEU:HD22	1:861:A:LEU:CG	4	0.21
(1,3106)	1:829:A:LEU:HD23	1:861:A:LEU:CG	4	0.21
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	9	0.21
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	15	0.21
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	20	0.21
(1,3005)	1:923:A:GLN:HE21	1:925:A:GLU:H	1	0.21
(1,3005)	1:923:A:GLN:HE21	1:925:A:GLU:H	15	0.21
(1,3002)	1:811:A:GLN:H	1:811:A:GLN:HE21	9	0.21
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	7	0.21
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	19	0.21
(1,2743)	1:917:A:ILE:HA	1:917:A:ILE:HG13	2	0.21
(1,2713)	1:822:A:LYS:HA	1:825:A:CYS:HB2	3	0.21
(1,2711)	1:808:A:GLU:HA	1:808:A:GLU:HG3	7	0.21
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	5	0.21
(1,2661)	1:861:A:LEU:H	1:863:A:GLU:H	3	0.21
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	15	0.21
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	17	0.21
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	2	0.21
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	7	0.21
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	4	0.21
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	6	0.21
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	5	0.21
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	19	0.21
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	13	0.21
(1,2542)	1:816:A:LEU:HB2	1:825:A:CYS:H	6	0.21
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	18	0.21
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	12	0.21
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	18	0.21
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	12	0.21
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	9	0.21
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	5	0.21
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	18	0.21
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	6	0.21
(1,2406)	1:867:A:SER:HA	1:911:A:HIS:HD2	9	0.21
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	19	0.21
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	20	0.21
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	12	0.21
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	14	0.21
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	16	0.21
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	5	0.21
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	11	0.21
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	11	0.21
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	7	0.21
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	1	0.21
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	3	0.21
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	10	0.21
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	8	0.21
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	19	0.21
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	12	0.21
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	13	0.21
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	5	0.21
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	1	0.21
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	8	0.21
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	16	0.21
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	13	0.21
(1,2105)	1:915:A:GLU:HA	1:918:A:GLN:H	14	0.21
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	5	0.21
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	2	0.21
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	15	0.21
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	4	0.21
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	4	0.21
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	6	0.21
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	8	0.21
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	11	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	20	0.21
(1,2059)	1:914:A:LEU:H	1:915:A:GLU:HB2	11	0.21
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	4	0.21
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	5	0.21
(1,2017)	1:908:A:PRO:HG3	1:909:A:ASN:H	3	0.21
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	10	0.21
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	12	0.21
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	2	0.21
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	7	0.21
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	3	0.21
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	6	0.21
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	4	0.21
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	18	0.21
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	8	0.21
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	15	0.21
(1,1944)	1:901:A:PHE:H	1:902:A:GLU:HG3	16	0.21
(1,1940)	1:899:A:GLN:H	1:901:A:PHE:H	12	0.21
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	3	0.21
(1,1933)	1:897:A:ILE:HA	1:900:A:LEU:H	18	0.21
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	4	0.21
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	3	0.21
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	6	0.21
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	18	0.21
(1,1886)	1:893:A:GLN:HA	1:896:A:LEU:H	2	0.21
(1,1886)	1:893:A:GLN:HA	1:896:A:LEU:H	14	0.21
(1,1884)	1:896:A:LEU:H	1:898:A:GLU:H	5	0.21
(1,1884)	1:896:A:LEU:H	1:898:A:GLU:H	7	0.21
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	12	0.21
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	18	0.21
(1,1866)	1:894:A:LYS:H	1:896:A:LEU:H	5	0.21
(1,1844)	1:892:A:GLY:H	1:894:A:LYS:H	11	0.21
(1,1836)	1:890:A:SER:H	1:893:A:GLN:HE22	6	0.21
(1,1802)	1:886:A:LEU:HG	1:887:A:THR:H	7	0.21
(1,1783)	1:884:A:MET:HB3	1:885:A:MET:H	16	0.21
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	10	0.21
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	13	0.21
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	17	0.21
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	17	0.21
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	20	0.21
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	10	0.21
(1,1756)	1:881:A:ARG:H	1:883:A:LYS:H	15	0.21
(1,1737)	1:881:A:ARG:H	1:882:A:PHE:HA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	11	0.21
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	14	0.21
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	19	0.21
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	5	0.21
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	7	0.21
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	19	0.21
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	3	0.21
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	9	0.21
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	13	0.21
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	12	0.21
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	7	0.21
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	9	0.21
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	9	0.21
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	10	0.21
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	3	0.21
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	11	0.21
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	16	0.21
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	3	0.21
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	8	0.21
(1,1445)	1:855:A:GLN:HE22	1:896:A:LEU:HG	3	0.21
(1,1445)	1:855:A:GLN:HE22	1:896:A:LEU:HG	17	0.21
(1,1445)	1:855:A:GLN:HE22	1:896:A:LEU:HG	18	0.21
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	2	0.21
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	10	0.21
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	14	0.21
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	6	0.21
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	7	0.21
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	14	0.21
(1,1392)	1:851:A:LEU:HB2	1:852:A:LEU:H	16	0.21
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	1	0.21
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	13	0.21
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	2	0.21
(1,1350)	1:846:A:GLU:HA	1:849:A:THR:H	12	0.21
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	2	0.21
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	10	0.21
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	13	0.21
(1,1313)	1:841:A:LEU:HB3	1:842:A:SER:H	18	0.21
(1,1263)	1:836:A:ASP:H	1:837:A:LEU:HB2	18	0.21
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	15	0.21
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	15	0.21
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	1	0.21
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	20	0.21
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	12	0.21
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	8	0.21
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	16	0.21
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	20	0.21
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	4	0.21
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	13	0.21
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	6	0.21
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	13	0.21
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	14	0.21
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	4	0.21
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	10	0.21
(1,1084)	1:818:A:THR:H	1:819:A:ARG:HG3	4	0.21
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	17	0.21
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	17	0.21
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	10	0.21
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	13	0.21
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	1	0.21
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	7	0.21
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	18	0.21
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	4	0.21
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	19	0.21
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	12	0.21
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	10	0.21
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	4	0.21
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	5	0.21
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	3	0.21
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	13	0.21
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	7	0.21
(1,905)	1:800:A:ILE:HG13	1:801:A:ALA:H	4	0.21
(1,905)	1:800:A:ILE:HG13	1:801:A:ALA:H	5	0.21
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	7	0.21
(1,887)	1:796:A:GLU:HA	1:797:A:LYS:H	4	0.21
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	6	0.21
(1,815)	1:926:A:LEU:HA	1:926:A:LEU:HG	19	0.21
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	10	0.21
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	18	0.21
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	12	0.21
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	15	0.21
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	2	0.21
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	13	0.21
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	4	0.21
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	5	0.21
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	9	0.21
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	20	0.21
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	3	0.21
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	11	0.21
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	13	0.21
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	16	0.21
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	20	0.21
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	18	0.21
(1,367)	1:858:A:LYS:HA	1:858:A:LYS:HG2	9	0.21
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	4	0.21
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	14	0.21
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	5	0.21
(1,187)	1:829:A:LEU:HA	1:829:A:LEU:HG	3	0.21
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	17	0.2
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	15	0.2
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	15	0.2
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	15	0.2
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	16	0.2
(1,3177)	1:850:A:PHE:HD1	1:851:A:LEU:CG	7	0.2
(1,3177)	1:850:A:PHE:HD2	1:851:A:LEU:CG	7	0.2
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	5	0.2
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	10	0.2
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	10	0.2
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	7	0.2
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	8	0.2
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	10	0.2
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	18	0.2
(1,2998)	1:917:A:ILE:H	1:919:A:ALA:H	20	0.2
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	16	0.2
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	18	0.2
(1,2972)	1:883:A:LYS:H	1:883:A:LYS:HB3	5	0.2
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	4	0.2
(1,2940)	1:913:A:THR:HA	1:916:A:ASP:H	18	0.2
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	12	0.2
(1,2659)	1:801:A:ALA:H	1:802:A:LYS:H	11	0.2
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	2	0.2
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	4	0.2
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	16	0.2
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	5	0.2
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	17	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	9	0.2
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	7	0.2
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	8	0.2
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	14	0.2
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	17	0.2
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	19	0.2
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	20	0.2
(1,2574)	1:827:A:HIS:HD2	1:831:A:ILE:HG12	14	0.2
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	15	0.2
(1,2555)	1:819:A:ARG:HB3	1:819:A:ARG:HE	3	0.2
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	5	0.2
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	17	0.2
(1,2529)	1:857:A:LEU:H	1:858:A:LYS:HB3	6	0.2
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	6	0.2
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	9	0.2
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	2	0.2
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	4	0.2
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	9	0.2
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	10	0.2
(1,2440)	1:848:A:ASP:H	1:849:A:THR:HA	15	0.2
(1,2406)	1:867:A:SER:HA	1:911:A:HIS:HD2	6	0.2
(1,2406)	1:867:A:SER:HA	1:911:A:HIS:HD2	19	0.2
(1,2267)	1:872:A:HIS:HA	1:872:A:HIS:HD2	15	0.2
(1,2240)	1:877:A:SER:HG	1:924:A:TYR:HH	15	0.2
(1,2238)	1:876:A:LEU:HA	1:924:A:TYR:HH	13	0.2
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	1	0.2
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	8	0.2
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	18	0.2
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	17	0.2
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	12	0.2
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	14	0.2
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	12	0.2
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	16	0.2
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	16	0.2
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	9	0.2
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	15	0.2
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	14	0.2
(1,2145)	1:920:A:LEU:H	1:921:A:LYS:HB3	1	0.2
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	3	0.2
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	1	0.2
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	11	0.2
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	11	0.2
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	18	0.2
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	2	0.2
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	13	0.2
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	3	0.2
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	17	0.2
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	18	0.2
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	8	0.2
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	9	0.2
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	19	0.2
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	7	0.2
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	9	0.2
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	6	0.2
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	11	0.2
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	11	0.2
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	11	0.2
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	4	0.2
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	9	0.2
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	11	0.2
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	3	0.2
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	14	0.2
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	19	0.2
(1,1972)	1:903:A:ASP:H	1:904:A:LEU:HB2	4	0.2
(1,1967)	1:901:A:PHE:H	1:903:A:ASP:H	9	0.2
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	8	0.2
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	9	0.2
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	10	0.2
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	8	0.2
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	2	0.2
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	14	0.2
(1,1934)	1:900:A:LEU:H	1:902:A:GLU:H	10	0.2
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	7	0.2
(1,1914)	1:910:A:ASN:H	1:910:A:ASN:HD22	4	0.2
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	2	0.2
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	9	0.2
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	12	0.2
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	3	0.2
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	6	0.2
(1,1862)	1:893:A:GLN:HA	1:893:A:GLN:HE21	11	0.2
(1,1854)	1:893:A:GLN:H	1:893:A:GLN:HE21	12	0.2
(1,1854)	1:893:A:GLN:H	1:893:A:GLN:HE21	19	0.2
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1845)	1:890:A:SER:HA	1:892:A:GLY:H	16	0.2
(1,1831)	1:890:A:SER:H	1:893:A:GLN:HB3	19	0.2
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	4	0.2
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	19	0.2
(1,1805)	1:887:A:THR:H	1:888:A:LEU:HB3	8	0.2
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	6	0.2
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	9	0.2
(1,1744)	1:881:A:ARG:H	1:881:A:ARG:HG2	19	0.2
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	1	0.2
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	16	0.2
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	7	0.2
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	14	0.2
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	10	0.2
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	6	0.2
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	10	0.2
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	4	0.2
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	15	0.2
(1,1554)	1:865:A:ASP:HB2	1:867:A:SER:H	16	0.2
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	9	0.2
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	19	0.2
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	10	0.2
(1,1538)	1:864:A:LYS:HG3	1:865:A:ASP:H	10	0.2
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	5	0.2
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	10	0.2
(1,1505)	1:861:A:LEU:H	1:862:A:ILE:HB	5	0.2
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	15	0.2
(1,1489)	1:805:A:ASN:H	1:808:A:GLU:HA	13	0.2
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	5	0.2
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	12	0.2
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	20	0.2
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	3	0.2
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	13	0.2
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	14	0.2
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	13	0.2
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	20	0.2
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	9	0.2
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	8	0.2
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	17	0.2
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	16	0.2
(1,1388)	1:849:A:THR:HA	1:852:A:LEU:H	2	0.2
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	1	0.2
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	18	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	20	0.2
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	8	0.2
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	12	0.2
(1,1288)	1:840:A:PHE:H	1:841:A:LEU:HG	14	0.2
(1,1279)	1:837:A:LEU:H	1:872:A:HIS:HE1	11	0.2
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	17	0.2
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	10	0.2
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	6	0.2
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	17	0.2
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	5	0.2
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	2	0.2
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	5	0.2
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	15	0.2
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	5	0.2
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	19	0.2
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	11	0.2
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	14	0.2
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	4	0.2
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	7	0.2
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	16	0.2
(1,1107)	1:818:A:THR:HA	1:820:A:LYS:H	10	0.2
(1,1107)	1:818:A:THR:HA	1:820:A:LYS:H	15	0.2
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	15	0.2
(1,1095)	1:819:A:ARG:H	1:819:A:ARG:HG2	6	0.2
(1,1084)	1:818:A:THR:H	1:819:A:ARG:HG3	3	0.2
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	18	0.2
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	1	0.2
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	13	0.2
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	18	0.2
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	3	0.2
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	6	0.2
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	17	0.2
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	20	0.2
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	3	0.2
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	7	0.2
(1,1003)	1:808:A:GLU:HA	1:811:A:GLN:H	15	0.2
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	12	0.2
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	14	0.2
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	20	0.2
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	17	0.2
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	8	0.2
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	13	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	2	0.2
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	15	0.2
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	8	0.2
(1,924)	1:804:A:ASN:H	1:809:A:PHE:HA	1	0.2
(1,924)	1:804:A:ASN:H	1:809:A:PHE:HA	13	0.2
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	3	0.2
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	6	0.2
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	10	0.2
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	15	0.2
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	1	0.2
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	11	0.2
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	18	0.2
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	15	0.2
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	16	0.2
(1,765)	1:917:A:ILE:H	1:918:A:GLN:HG3	14	0.2
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	9	0.2
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	13	0.2
(1,738)	1:917:A:ILE:HA	1:921:A:LYS:HB3	18	0.2
(1,735)	1:915:A:GLU:HA	1:918:A:GLN:HB2	15	0.2
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	4	0.2
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	10	0.2
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	12	0.2
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	10	0.2
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	20	0.2
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	2	0.2
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	1	0.2
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	3	0.2
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	14	0.2
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	5	0.2
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	2	0.2
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	12	0.2
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	14	0.2
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	4	0.2
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	20	0.2
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	19	0.2
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	8	0.2
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	17	0.2
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	16	0.2
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	17	0.2
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	2	0.2
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	5	0.2
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	3	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	19	0.2
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	3	0.2
(1,18)	1:800:A:ILE:H	1:800:A:ILE:HG12	5	0.2
(1,17)	1:799:A:PRO:HA	1:800:A:ILE:HB	7	0.2
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	14	0.2
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	2	0.19
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	9	0.19
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	13	0.19
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	5	0.19
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	5	0.19
(1,3117)	1:834:A:PRO:HA	1:837:A:LEU:CG	13	0.19
(1,3110)	1:832:A:THR:HB	1:837:A:LEU:CG	9	0.19
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	11	0.19
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	4	0.19
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	13	0.19
(1,3005)	1:923:A:GLN:HE21	1:925:A:GLU:H	14	0.19
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	13	0.19
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	20	0.19
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	1	0.19
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	17	0.19
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	6	0.19
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	20	0.19
(1,2946)	1:838:A:PRO:HA	1:840:A:PHE:H	10	0.19
(1,2935)	1:912:A:PHE:HB2	1:917:A:ILE:HG12	16	0.19
(1,2661)	1:861:A:LEU:H	1:863:A:GLU:H	13	0.19
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	14	0.19
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	11	0.19
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	18	0.19
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	1	0.19
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	12	0.19
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	13	0.19
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	1	0.19
(1,2557)	1:893:A:GLN:H	1:896:A:LEU:HG	20	0.19
(1,2542)	1:816:A:LEU:HB2	1:825:A:CYS:H	15	0.19
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	4	0.19
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	5	0.19
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	20	0.19
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	1	0.19
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	1	0.19
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	14	0.19
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	4	0.19
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	11	0.19
(1,2201)	1:923:A:GLN:H	1:923:A:GLN:HE22	10	0.19
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	9	0.19
(1,2191)	1:923:A:GLN:H	1:924:A:TYR:HB2	17	0.19
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	13	0.19
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	13	0.19
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	8	0.19
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	12	0.19
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	14	0.19
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	18	0.19
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	1	0.19
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	6	0.19
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	2	0.19
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	15	0.19
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	18	0.19
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	2	0.19
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	15	0.19
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	20	0.19
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	6	0.19
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	12	0.19
(1,2110)	1:917:A:ILE:HG13	1:918:A:GLN:HE21	20	0.19
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	2	0.19
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	8	0.19
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	12	0.19
(1,2090)	1:917:A:ILE:H	1:918:A:GLN:HG2	10	0.19
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	3	0.19
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	18	0.19
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	19	0.19
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	5	0.19
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	10	0.19
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	15	0.19
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	12	0.19
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	18	0.19
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	6	0.19
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	12	0.19
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	15	0.19
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	16	0.19
(1,2026)	1:910:A:ASN:HA	1:910:A:ASN:HD21	17	0.19
(1,2018)	1:908:A:PRO:HB3	1:909:A:ASN:H	15	0.19
(1,2018)	1:908:A:PRO:HB3	1:909:A:ASN:H	17	0.19
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	1	0.19
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	13	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	15	0.19
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	10	0.19
(1,1972)	1:903:A:ASP:H	1:904:A:LEU:HB2	20	0.19
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	11	0.19
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	1	0.19
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	13	0.19
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	4	0.19
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	17	0.19
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	1	0.19
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	5	0.19
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	10	0.19
(1,1906)	1:898:A:GLU:H	1:900:A:LEU:H	18	0.19
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	15	0.19
(1,1884)	1:896:A:LEU:H	1:898:A:GLU:H	8	0.19
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	11	0.19
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	14	0.19
(1,1845)	1:890:A:SER:HA	1:892:A:GLY:H	13	0.19
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	1	0.19
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	10	0.19
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	13	0.19
(1,1805)	1:887:A:THR:H	1:888:A:LEU:HB3	16	0.19
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	4	0.19
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	5	0.19
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	13	0.19
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	20	0.19
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	9	0.19
(1,1719)	1:838:A:PRO:HD3	1:879:A:ALA:H	17	0.19
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	18	0.19
(1,1587)	1:893:A:GLN:HA	1:895:A:GLU:H	19	0.19
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	8	0.19
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	15	0.19
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	17	0.19
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	19	0.19
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	5	0.19
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	8	0.19
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	12	0.19
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	19	0.19
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	17	0.19
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	8	0.19
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	20	0.19
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	13	0.19
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	4	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	7	0.19
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	8	0.19
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	17	0.19
(1,1445)	1:855:A:GLN:HE22	1:896:A:LEU:HG	13	0.19
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	11	0.19
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	3	0.19
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	13	0.19
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	2	0.19
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	18	0.19
(1,1391)	1:851:A:LEU:HB3	1:852:A:LEU:H	20	0.19
(1,1372)	1:849:A:THR:HB	1:850:A:PHE:H	6	0.19
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	10	0.19
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	11	0.19
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	3	0.19
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	9	0.19
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	11	0.19
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	20	0.19
(1,1319)	1:843:A:ASN:HA	1:843:A:ASN:HD22	17	0.19
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	19	0.19
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	10	0.19
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	4	0.19
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	5	0.19
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	8	0.19
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	12	0.19
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	14	0.19
(1,1205)	1:829:A:LEU:HG	1:830:A:ALA:H	13	0.19
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	6	0.19
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	7	0.19
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	11	0.19
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	7	0.19
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	8	0.19
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	2	0.19
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	8	0.19
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	3	0.19
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	5	0.19
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	9	0.19
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	10	0.19
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	15	0.19
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	1	0.19
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	1	0.19
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	20	0.19
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	5	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	13	0.19
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	19	0.19
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	20	0.19
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	14	0.19
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	8	0.19
(1,1109)	1:820:A:LYS:H	1:821:A:ASP:HA	19	0.19
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	11	0.19
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	15	0.19
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	20	0.19
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	6	0.19
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	12	0.19
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	10	0.19
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	20	0.19
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	2	0.19
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	14	0.19
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	3	0.19
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	12	0.19
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	9	0.19
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	12	0.19
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	8	0.19
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	9	0.19
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	19	0.19
(1,1035)	1:814:A:ASN:H	1:814:A:ASN:HD22	9	0.19
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	15	0.19
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	8	0.19
(1,983)	1:809:A:PHE:H	1:840:A:PHE:HA	13	0.19
(1,961)	1:805:A:ASN:HA	1:807:A:TYR:H	10	0.19
(1,961)	1:805:A:ASN:HA	1:807:A:TYR:H	16	0.19
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	18	0.19
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	4	0.19
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	15	0.19
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	20	0.19
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	12	0.19
(1,905)	1:800:A:ILE:HG13	1:801:A:ALA:H	15	0.19
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	7	0.19
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	12	0.19
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	1	0.19
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	4	0.19
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	16	0.19
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	19	0.19
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	19	0.19
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	13	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,544)	1:885:A:MET:HA	1:888:A:LEU:HB3	13	0.19
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	17	0.19
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	17	0.19
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	14	0.19
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	15	0.19
(1,487)	1:874:A:LEU:H	1:874:A:LEU:HG	15	0.19
(1,458)	1:871:A:GLN:HA	1:874:A:LEU:HA	5	0.19
(1,418)	1:862:A:ILE:HG12	1:866:A:PRO:HA	5	0.19
(1,408)	1:864:A:LYS:HA	1:864:A:LYS:HG2	10	0.19
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	10	0.19
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	6	0.19
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	16	0.19
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	19	0.19
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	8	0.19
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	16	0.19
(1,155)	1:823:A:GLU:H	1:825:A:CYS:HB2	20	0.19
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	4	0.19
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	11	0.19
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	6	0.18
(1,3196)	1:851:A:LEU:CG	1:893:A:GLN:HE21	18	0.18
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	12	0.18
(1,3178)	1:850:A:PHE:HE1	1:851:A:LEU:CG	8	0.18
(1,3178)	1:850:A:PHE:HE2	1:851:A:LEU:CG	8	0.18
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	15	0.18
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	15	0.18
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	15	0.18
(1,3102)	1:829:A:LEU:HB3	1:861:A:LEU:CG	4	0.18
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	11	0.18
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	14	0.18
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	11	0.18
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	18	0.18
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	11	0.18
(1,2945)	1:919:A:ALA:HA	1:922:A:ARG:H	4	0.18
(1,2945)	1:919:A:ALA:HA	1:922:A:ARG:H	10	0.18
(1,2942)	1:910:A:ASN:HA	1:912:A:PHE:H	12	0.18
(1,2684)	1:894:A:LYS:H	1:894:A:LYS:HB3	20	0.18
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	6	0.18
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	10	0.18
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	14	0.18
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	15	0.18
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	17	0.18
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	19	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	2	0.18
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	3	0.18
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	10	0.18
(1,2574)	1:827:A:HIS:HD2	1:831:A:ILE:HG12	5	0.18
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	9	0.18
(1,2542)	1:816:A:LEU:HB2	1:825:A:CYS:H	8	0.18
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	1	0.18
(1,2536)	1:873:A:LEU:HB3	1:901:A:PHE:HZ	13	0.18
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	6	0.18
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	14	0.18
(1,2442)	1:829:A:LEU:HA	1:872:A:HIS:HE1	20	0.18
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	13	0.18
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	12	0.18
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	7	0.18
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	12	0.18
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	9	0.18
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	13	0.18
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	10	0.18
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	1	0.18
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	9	0.18
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	9	0.18
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	12	0.18
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	19	0.18
(1,2184)	1:921:A:LYS:HB3	1:923:A:GLN:H	15	0.18
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	4	0.18
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	6	0.18
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	14	0.18
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	17	0.18
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	19	0.18
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	20	0.18
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	12	0.18
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	19	0.18
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	16	0.18
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	1	0.18
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	7	0.18
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	8	0.18
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	2	0.18
(1,2097)	1:913:A:THR:H	1:917:A:ILE:H	18	0.18
(1,2090)	1:917:A:ILE:H	1:918:A:GLN:HG2	8	0.18
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	13	0.18
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	20	0.18
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	16	0.18
(1,2064)	1:913:A:THR:H	1:915:A:GLU:H	9	0.18
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	13	0.18
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	2	0.18
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	14	0.18
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	18	0.18
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	5	0.18
(1,2018)	1:908:A:PRO:HB3	1:909:A:ASN:H	3	0.18
(1,2018)	1:908:A:PRO:HB3	1:909:A:ASN:H	16	0.18
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	12	0.18
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	10	0.18
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	14	0.18
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	1	0.18
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	20	0.18
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	12	0.18
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	16	0.18
(1,1972)	1:903:A:ASP:H	1:904:A:LEU:HB2	6	0.18
(1,1968)	1:903:A:ASP:H	1:906:A:ASP:H	16	0.18
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	2	0.18
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	2	0.18
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	17	0.18
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	14	0.18
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	11	0.18
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	17	0.18
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	3	0.18
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	14	0.18
(1,1903)	1:898:A:GLU:H	1:898:A:GLU:HG2	16	0.18
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	5	0.18
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	17	0.18
(1,1886)	1:893:A:GLN:HA	1:896:A:LEU:H	5	0.18
(1,1880)	1:894:A:LYS:HB2	1:895:A:GLU:H	1	0.18
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	5	0.18
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	10	0.18
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	5	0.18
(1,1805)	1:887:A:THR:H	1:888:A:LEU:HB3	19	0.18
(1,1802)	1:886:A:LEU:HG	1:887:A:THR:H	5	0.18
(1,1752)	1:880:A:GLU:HA	1:882:A:PHE:H	3	0.18
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	11	0.18
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	6	0.18
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	18	0.18
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	20	0.18
(1,1716)	1:878:A:LYS:HB3	1:879:A:ALA:H	13	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	18	0.18
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	10	0.18
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	8	0.18
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	7	0.18
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	19	0.18
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	4	0.18
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	11	0.18
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	1	0.18
(1,1558)	1:867:A:SER:H	1:867:A:SER:HB3	14	0.18
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	14	0.18
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	16	0.18
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	2	0.18
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	3	0.18
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	14	0.18
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	5	0.18
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	8	0.18
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	13	0.18
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	16	0.18
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	19	0.18
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	7	0.18
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	6	0.18
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	8	0.18
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	1	0.18
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	2	0.18
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	9	0.18
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	15	0.18
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	18	0.18
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	19	0.18
(1,1458)	1:857:A:LEU:H	1:861:A:LEU:HG	17	0.18
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	7	0.18
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	17	0.18
(1,1445)	1:855:A:GLN:HE22	1:896:A:LEU:HG	15	0.18
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	19	0.18
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	16	0.18
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	17	0.18
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	1	0.18
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	9	0.18
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	19	0.18
(1,1392)	1:851:A:LEU:HB2	1:852:A:LEU:H	13	0.18
(1,1355)	1:849:A:THR:H	1:850:A:PHE:HB2	19	0.18
(1,1342)	1:846:A:GLU:HA	1:848:A:ASP:H	10	0.18
(1,1313)	1:841:A:LEU:HB3	1:842:A:SER:H	17	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	15	0.18
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	1	0.18
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	16	0.18
(1,1221)	1:831:A:ILE:H	1:832:A:THR:HB	7	0.18
(1,1221)	1:831:A:ILE:H	1:832:A:THR:HB	9	0.18
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	2	0.18
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	5	0.18
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	3	0.18
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	12	0.18
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	13	0.18
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	3	0.18
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	14	0.18
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	1	0.18
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	20	0.18
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	9	0.18
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	2	0.18
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	16	0.18
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	16	0.18
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	16	0.18
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	3	0.18
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	4	0.18
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	5	0.18
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	18	0.18
(1,1125)	1:821:A:ASP:HB3	1:822:A:LYS:H	5	0.18
(1,1125)	1:821:A:ASP:HB3	1:822:A:LYS:H	8	0.18
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	14	0.18
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	17	0.18
(1,1112)	1:817:A:SER:H	1:820:A:LYS:H	7	0.18
(1,1107)	1:818:A:THR:HA	1:820:A:LYS:H	6	0.18
(1,1088)	1:815:A:ALA:HA	1:818:A:THR:H	2	0.18
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	14	0.18
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	1	0.18
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	2	0.18
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	9	0.18
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	2	0.18
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	6	0.18
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	4	0.18
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	13	0.18
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	4	0.18
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	11	0.18
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	11	0.18
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	12	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	20	0.18
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	7	0.18
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	4	0.18
(1,989)	1:809:A:PHE:H	1:811:A:GLN:H	14	0.18
(1,975)	1:808:A:GLU:H	1:808:A:GLU:HB3	16	0.18
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	4	0.18
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	20	0.18
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	11	0.18
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	16	0.18
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	20	0.18
(1,924)	1:804:A:ASN:H	1:809:A:PHE:HA	18	0.18
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	5	0.18
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	16	0.18
(1,893)	1:798:A:LEU:H	1:799:A:PRO:HD2	3	0.18
(1,893)	1:798:A:LEU:H	1:799:A:PRO:HD2	5	0.18
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	14	0.18
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	15	0.18
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	16	0.18
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	5	0.18
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	17	0.18
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	18	0.18
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	20	0.18
(1,642)	1:897:A:ILE:HA	1:900:A:LEU:HA	2	0.18
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	1	0.18
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	5	0.18
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	10	0.18
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	20	0.18
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	9	0.18
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	10	0.18
(1,541)	1:884:A:MET:H	1:884:A:MET:HG2	14	0.18
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	19	0.18
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	8	0.18
(1,359)	1:855:A:GLN:HG3	1:856:A:SER:H	14	0.18
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	7	0.18
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	15	0.18
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	5	0.18
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	1	0.18
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	16	0.18
(1,17)	1:799:A:PRO:HA	1:800:A:ILE:HB	19	0.18
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	2	0.18
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	9	0.18
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	4	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	20	0.17
(1,3194)	1:851:A:LEU:CG	1:893:A:GLN:HB3	17	0.17
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	2	0.17
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	2	0.17
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	2	0.17
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	18	0.17
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	18	0.17
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	18	0.17
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	5	0.17
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	12	0.17
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	20	0.17
(1,2998)	1:917:A:ILE:H	1:919:A:ALA:H	6	0.17
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	14	0.17
(1,2977)	1:891:A:LYS:H	1:891:A:LYS:HG2	9	0.17
(1,2950)	1:867:A:SER:H	1:867:A:SER:HB2	1	0.17
(1,2942)	1:910:A:ASN:HA	1:912:A:PHE:H	4	0.17
(1,2942)	1:910:A:ASN:HA	1:912:A:PHE:H	11	0.17
(1,2941)	1:848:A:ASP:HA	1:851:A:LEU:H	8	0.17
(1,2661)	1:861:A:LEU:H	1:863:A:GLU:H	7	0.17
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	7	0.17
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	19	0.17
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	8	0.17
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	4	0.17
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	6	0.17
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	9	0.17
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	11	0.17
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	15	0.17
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	18	0.17
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	10	0.17
(1,2542)	1:816:A:LEU:HB2	1:825:A:CYS:H	4	0.17
(1,2540)	1:829:A:LEU:HB2	1:872:A:HIS:HD2	11	0.17
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	19	0.17
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	15	0.17
(1,2504)	1:838:A:PRO:HB3	1:839:A:MET:H	14	0.17
(1,2494)	1:802:A:LYS:H	1:831:A:ILE:HB	15	0.17
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	1	0.17
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	15	0.17
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	17	0.17
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	19	0.17
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	20	0.17
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	5	0.17
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	6	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	7	0.17
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	11	0.17
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	15	0.17
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	20	0.17
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	12	0.17
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	7	0.17
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	10	0.17
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	6	0.17
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	8	0.17
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	9	0.17
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	14	0.17
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	10	0.17
(1,2178)	1:919:A:ALA:H	1:922:A:ARG:H	17	0.17
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	2	0.17
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	5	0.17
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	12	0.17
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	9	0.17
(1,2149)	1:921:A:LYS:H	1:921:A:LYS:HG2	18	0.17
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	5	0.17
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	5	0.17
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	5	0.17
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	11	0.17
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	20	0.17
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	12	0.17
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	15	0.17
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	16	0.17
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	18	0.17
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	12	0.17
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	10	0.17
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	5	0.17
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	16	0.17
(1,2104)	1:918:A:GLN:H	1:918:A:GLN:HG3	14	0.17
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	12	0.17
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	16	0.17
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	1	0.17
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	7	0.17
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	6	0.17
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	12	0.17
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	20	0.17
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	15	0.17
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	7	0.17
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	10	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	11	0.17
(1,2027)	1:910:A:ASN:HA	1:910:A:ASN:HD22	18	0.17
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	8	0.17
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	11	0.17
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	17	0.17
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	5	0.17
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	16	0.17
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	19	0.17
(1,1992)	1:903:A:ASP:HB3	1:905:A:SER:H	5	0.17
(1,1992)	1:903:A:ASP:HB3	1:905:A:SER:H	10	0.17
(1,1992)	1:903:A:ASP:HB3	1:905:A:SER:H	17	0.17
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	9	0.17
(1,1990)	1:903:A:ASP:HB2	1:905:A:SER:H	11	0.17
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	17	0.17
(1,1972)	1:903:A:ASP:H	1:904:A:LEU:HB2	16	0.17
(1,1968)	1:903:A:ASP:H	1:906:A:ASP:H	12	0.17
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	13	0.17
(1,1958)	1:902:A:GLU:H	1:902:A:GLU:HG3	12	0.17
(1,1928)	1:899:A:GLN:HB3	1:900:A:LEU:H	9	0.17
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	7	0.17
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	13	0.17
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	5	0.17
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	9	0.17
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	18	0.17
(1,1853)	1:893:A:GLN:H	1:896:A:LEU:H	19	0.17
(1,1844)	1:892:A:GLY:H	1:894:A:LYS:H	5	0.17
(1,1844)	1:892:A:GLY:H	1:894:A:LYS:H	12	0.17
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	3	0.17
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	17	0.17
(1,1806)	1:887:A:THR:H	1:888:A:LEU:HG	5	0.17
(1,1805)	1:887:A:THR:H	1:888:A:LEU:HB3	3	0.17
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	3	0.17
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	4	0.17
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	12	0.17
(1,1721)	1:838:A:PRO:HA	1:879:A:ALA:H	16	0.17
(1,1720)	1:876:A:LEU:HA	1:879:A:ALA:H	2	0.17
(1,1716)	1:878:A:LYS:HB3	1:879:A:ALA:H	2	0.17
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	9	0.17
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	12	0.17
(1,1689)	1:873:A:LEU:HA	1:877:A:SER:H	15	0.17
(1,1686)	1:873:A:LEU:HB3	1:877:A:SER:H	5	0.17
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	4	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	6	0.17
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	4	0.17
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	1	0.17
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	9	0.17
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	16	0.17
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	7	0.17
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	20	0.17
(1,1551)	1:867:A:SER:H	1:868:A:LEU:HB3	17	0.17
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	9	0.17
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	15	0.17
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	19	0.17
(1,1537)	1:864:A:LYS:HG2	1:865:A:ASP:H	12	0.17
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	16	0.17
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	13	0.17
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	14	0.17
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	11	0.17
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	17	0.17
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	20	0.17
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	12	0.17
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	4	0.17
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	10	0.17
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	12	0.17
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	20	0.17
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	4	0.17
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	13	0.17
(1,1445)	1:855:A:GLN:HE22	1:896:A:LEU:HG	7	0.17
(1,1444)	1:851:A:LEU:HB3	1:855:A:GLN:HE22	14	0.17
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	17	0.17
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	4	0.17
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	13	0.17
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	4	0.17
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	14	0.17
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	20	0.17
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	1	0.17
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	9	0.17
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	2	0.17
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	20	0.17
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	7	0.17
(1,1234)	1:828:A:LEU:HG	1:832:A:THR:H	15	0.17
(1,1233)	1:828:A:LEU:HB3	1:832:A:THR:H	4	0.17
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	13	0.17
(1,1220)	1:828:A:LEU:HA	1:831:A:ILE:H	12	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	7	0.17
(1,1219)	1:831:A:ILE:H	1:831:A:ILE:HB	9	0.17
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	10	0.17
(1,1217)	1:831:A:ILE:H	1:831:A:ILE:HG13	17	0.17
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	4	0.17
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	20	0.17
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	6	0.17
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	16	0.17
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	15	0.17
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	1	0.17
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	12	0.17
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	16	0.17
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	19	0.17
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	13	0.17
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	14	0.17
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	17	0.17
(1,1141)	1:825:A:CYS:H	1:827:A:HIS:H	20	0.17
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	10	0.17
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	20	0.17
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	9	0.17
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	5	0.17
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	16	0.17
(1,1098)	1:819:A:ARG:H	1:820:A:LYS:HA	1	0.17
(1,1095)	1:819:A:ARG:H	1:819:A:ARG:HG2	18	0.17
(1,1084)	1:818:A:THR:H	1:819:A:ARG:HG3	11	0.17
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	16	0.17
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	8	0.17
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	18	0.17
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	9	0.17
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	18	0.17
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	12	0.17
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	17	0.17
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	5	0.17
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	9	0.17
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	3	0.17
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	18	0.17
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	10	0.17
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	12	0.17
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	17	0.17
(1,961)	1:805:A:ASN:HA	1:807:A:TYR:H	14	0.17
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	12	0.17
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	15	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	2	0.17
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	15	0.17
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	2	0.17
(1,907)	1:799:A:PRO:HB2	1:801:A:ALA:H	1	0.17
(1,907)	1:799:A:PRO:HB2	1:801:A:ALA:H	16	0.17
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	5	0.17
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	8	0.17
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	13	0.17
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	3	0.17
(1,771)	1:920:A:LEU:HA	1:923:A:GLN:HG3	7	0.17
(1,765)	1:917:A:ILE:H	1:918:A:GLN:HG3	11	0.17
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	14	0.17
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	6	0.17
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	6	0.17
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	18	0.17
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	1	0.17
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	12	0.17
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	14	0.17
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	17	0.17
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	2	0.17
(1,56)	1:808:A:GLU:HA	1:811:A:GLN:HG3	8	0.17
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	2	0.17
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	3	0.16
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	20	0.16
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	20	0.16
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	20	0.16
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	19	0.16
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	19	0.16
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	19	0.16
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	6	0.16
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	9	0.16
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	10	0.16
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB2	3	0.16
(1,3134)	1:837:A:LEU:CG	1:872:A:HIS:HB3	3	0.16
(1,3117)	1:834:A:PRO:HA	1:837:A:LEU:CG	11	0.16
(1,3099)	1:826:A:ALA:HA	1:861:A:LEU:CG	16	0.16
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	12	0.16
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	8	0.16
(1,2998)	1:917:A:ILE:H	1:919:A:ALA:H	18	0.16
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	3	0.16
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	6	0.16
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	17	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2965)	1:893:A:GLN:HB3	1:894:A:LYS:H	17	0.16
(1,2942)	1:910:A:ASN:HA	1:912:A:PHE:H	18	0.16
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	16	0.16
(1,2874)	1:810:A:GLY:HA2	1:813:A:ILE:HG12	17	0.16
(1,2661)	1:861:A:LEU:H	1:863:A:GLU:H	15	0.16
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	1	0.16
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	8	0.16
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	12	0.16
(1,2648)	1:871:A:GLN:H	1:874:A:LEU:H	3	0.16
(1,2592)	1:886:A:LEU:H	1:886:A:LEU:HB3	16	0.16
(1,2561)	1:888:A:LEU:HB3	1:889:A:ILE:H	10	0.16
(1,2553)	1:819:A:ARG:HB3	1:821:A:ASP:H	3	0.16
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	11	0.16
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	20	0.16
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	8	0.16
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	1	0.16
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	12	0.16
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	19	0.16
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	3	0.16
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	4	0.16
(1,2238)	1:876:A:LEU:HA	1:924:A:TYR:HH	15	0.16
(1,2220)	1:925:A:GLU:H	1:926:A:LEU:H	3	0.16
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	2	0.16
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	5	0.16
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	19	0.16
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	10	0.16
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	11	0.16
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	12	0.16
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	20	0.16
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	18	0.16
(1,2184)	1:921:A:LYS:HB3	1:923:A:GLN:H	10	0.16
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	11	0.16
(1,2175)	1:920:A:LEU:HA	1:922:A:ARG:H	17	0.16
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	8	0.16
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	1	0.16
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	1	0.16
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	17	0.16
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	18	0.16
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	2	0.16
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	3	0.16
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	14	0.16
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	20	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	20	0.16
(1,2104)	1:918:A:GLN:H	1:918:A:GLN:HG3	11	0.16
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	10	0.16
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	13	0.16
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	13	0.16
(1,2090)	1:917:A:ILE:H	1:918:A:GLN:HG2	18	0.16
(1,2090)	1:917:A:ILE:H	1:918:A:GLN:HG2	19	0.16
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	4	0.16
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	9	0.16
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	10	0.16
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	15	0.16
(1,2060)	1:914:A:LEU:H	1:915:A:GLU:HA	3	0.16
(1,2052)	1:912:A:PHE:HB3	1:913:A:THR:H	7	0.16
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	8	0.16
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	20	0.16
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	16	0.16
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	9	0.16
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	19	0.16
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	8	0.16
(1,1992)	1:903:A:ASP:HB3	1:905:A:SER:H	2	0.16
(1,1985)	1:904:A:LEU:HG	1:905:A:SER:H	3	0.16
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	1	0.16
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	5	0.16
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	14	0.16
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	1	0.16
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	10	0.16
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	12	0.16
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	15	0.16
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	19	0.16
(1,1972)	1:903:A:ASP:H	1:904:A:LEU:HB2	2	0.16
(1,1968)	1:903:A:ASP:H	1:906:A:ASP:H	3	0.16
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	3	0.16
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	16	0.16
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	18	0.16
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	8	0.16
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	15	0.16
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	19	0.16
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	17	0.16
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	20	0.16
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	12	0.16
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	10	0.16
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	13	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	5	0.16
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	17	0.16
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	16	0.16
(1,1805)	1:887:A:THR:H	1:888:A:LEU:HB3	17	0.16
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	8	0.16
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	12	0.16
(1,1752)	1:880:A:GLU:HA	1:882:A:PHE:H	18	0.16
(1,1752)	1:880:A:GLU:HA	1:882:A:PHE:H	19	0.16
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	2	0.16
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	12	0.16
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	14	0.16
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	14	0.16
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	6	0.16
(1,1587)	1:893:A:GLN:HA	1:895:A:GLU:H	6	0.16
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	14	0.16
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	20	0.16
(1,1551)	1:867:A:SER:H	1:868:A:LEU:HB3	6	0.16
(1,1551)	1:867:A:SER:H	1:868:A:LEU:HB3	7	0.16
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	18	0.16
(1,1538)	1:864:A:LYS:HG3	1:865:A:ASP:H	9	0.16
(1,1538)	1:864:A:LYS:HG3	1:865:A:ASP:H	13	0.16
(1,1538)	1:864:A:LYS:HG3	1:865:A:ASP:H	15	0.16
(1,1532)	1:860:A:ASN:HA	1:864:A:LYS:H	5	0.16
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	7	0.16
(1,1509)	1:858:A:LYS:HA	1:861:A:LEU:H	16	0.16
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	3	0.16
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	13	0.16
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	10	0.16
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	6	0.16
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	12	0.16
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	1	0.16
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	9	0.16
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	10	0.16
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	5	0.16
(1,1392)	1:851:A:LEU:HB2	1:852:A:LEU:H	5	0.16
(1,1392)	1:851:A:LEU:HB2	1:852:A:LEU:H	6	0.16
(1,1392)	1:851:A:LEU:HB2	1:852:A:LEU:H	9	0.16
(1,1392)	1:851:A:LEU:HB2	1:852:A:LEU:H	12	0.16
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	8	0.16
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	19	0.16
(1,1354)	1:849:A:THR:H	1:850:A:PHE:HB3	16	0.16
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	20	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1313)	1:841:A:LEU:HB3	1:842:A:SER:H	13	0.16
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	7	0.16
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	10	0.16
(1,1305)	1:838:A:PRO:HA	1:841:A:LEU:H	19	0.16
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	10	0.16
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	1	0.16
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	14	0.16
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	1	0.16
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	20	0.16
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	17	0.16
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	13	0.16
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	17	0.16
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	15	0.16
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	19	0.16
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	11	0.16
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	13	0.16
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	18	0.16
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	1	0.16
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	8	0.16
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	15	0.16
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	17	0.16
(1,1107)	1:818:A:THR:HA	1:820:A:LYS:H	4	0.16
(1,1090)	1:814:A:ASN:HA	1:818:A:THR:H	4	0.16
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	10	0.16
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	6	0.16
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	15	0.16
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	12	0.16
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	19	0.16
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	2	0.16
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	12	0.16
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	18	0.16
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	1	0.16
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	3	0.16
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	6	0.16
(1,1017)	1:809:A:PHE:HA	1:812:A:ILE:H	8	0.16
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	10	0.16
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	13	0.16
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	15	0.16
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	2	0.16
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	8	0.16
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	10	0.16
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	16	0.16
(1,896)	1:800:A:ILE:H	1:800:A:ILE:HG13	8	0.16
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	4	0.16
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	12	0.16
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	20	0.16
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	2	0.16
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	8	0.16
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	12	0.16
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	16	0.16
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	19	0.16
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	20	0.16
(1,725)	1:911:A:HIS:HA	1:911:A:HIS:HD2	16	0.16
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	9	0.16
(1,512)	1:838:A:PRO:HA	1:879:A:ALA:HA	6	0.16
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	5	0.16
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	12	0.16
(1,486)	1:874:A:LEU:HG	1:878:A:LYS:HE3	14	0.16
(1,424)	1:867:A:SER:HB3	1:868:A:LEU:H	18	0.16
(1,373)	1:860:A:ASN:HA	1:860:A:ASN:HD22	19	0.16
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	1	0.16
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	7	0.16
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	11	0.16
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	16	0.16
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	18	0.16
(1,214)	1:832:A:THR:HA	1:872:A:HIS:HE1	19	0.16
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	1	0.16
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	3	0.16
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	15	0.16
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	18	0.16
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	20	0.16
(1,10)	1:799:A:PRO:HA	1:800:A:ILE:HA	7	0.16
(1,10)	1:799:A:PRO:HA	1:800:A:ILE:HA	8	0.16
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	18	0.16
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	7	0.15
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	11	0.15
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	11	0.15
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	11	0.15
(1,3029)	1:798:A:LEU:HA	1:798:A:LEU:CG	3	0.15
(1,3010)	1:922:A:ARG:H	1:923:A:GLN:HE21	18	0.15
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	16	0.15
(1,3009)	1:911:A:HIS:HD2	1:912:A:PHE:H	19	0.15
(1,3005)	1:923:A:GLN:HE21	1:925:A:GLU:H	4	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	5	0.15
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	14	0.15
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	20	0.15
(1,2965)	1:893:A:GLN:HB3	1:894:A:LYS:H	8	0.15
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	5	0.15
(1,2942)	1:910:A:ASN:HA	1:912:A:PHE:H	3	0.15
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	5	0.15
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	3	0.15
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	9	0.15
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	11	0.15
(1,2650)	1:813:A:ILE:H	1:816:A:LEU:H	17	0.15
(1,2561)	1:888:A:LEU:HB3	1:889:A:ILE:H	20	0.15
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	12	0.15
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	16	0.15
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	12	0.15
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	15	0.15
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	6	0.15
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	7	0.15
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	2	0.15
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	4	0.15
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	8	0.15
(1,2473)	1:811:A:GLN:HE21	1:814:A:ASN:HB3	12	0.15
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	13	0.15
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	17	0.15
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	19	0.15
(1,2421)	1:824:A:ALA:HA	1:827:A:HIS:HD2	19	0.15
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	3	0.15
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	2	0.15
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	10	0.15
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	8	0.15
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	14	0.15
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	18	0.15
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	1	0.15
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	16	0.15
(1,2184)	1:921:A:LYS:HB3	1:923:A:GLN:H	11	0.15
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	10	0.15
(1,2171)	1:922:A:ARG:H	1:923:A:GLN:HB2	9	0.15
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	1	0.15
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	3	0.15
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	18	0.15
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	11	0.15
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	2	0.15
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	10	0.15
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	7	0.15
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	10	0.15
(1,2141)	1:916:A:ASP:HA	1:920:A:LEU:H	11	0.15
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	1	0.15
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	13	0.15
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	12	0.15
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	13	0.15
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	2	0.15
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	20	0.15
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	16	0.15
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	19	0.15
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	16	0.15
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	20	0.15
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	9	0.15
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	17	0.15
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	19	0.15
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	12	0.15
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	2	0.15
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	6	0.15
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	8	0.15
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	2	0.15
(1,2063)	1:914:A:LEU:H	1:916:A:ASP:H	5	0.15
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	13	0.15
(1,2043)	1:913:A:THR:H	1:914:A:LEU:H	17	0.15
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	9	0.15
(1,2035)	1:912:A:PHE:H	1:912:A:PHE:HB2	3	0.15
(1,2018)	1:908:A:PRO:HB3	1:909:A:ASN:H	18	0.15
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	14	0.15
(1,2005)	1:902:A:GLU:HA	1:906:A:ASP:H	18	0.15
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	15	0.15
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	2	0.15
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	13	0.15
(1,1972)	1:903:A:ASP:H	1:904:A:LEU:HB2	9	0.15
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	10	0.15
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	4	0.15
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	16	0.15
(1,1944)	1:901:A:PHE:H	1:902:A:GLU:HG3	3	0.15
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	8	0.15
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	15	0.15
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	19	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	1	0.15
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	6	0.15
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	9	0.15
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	10	0.15
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	11	0.15
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	16	0.15
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	18	0.15
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	19	0.15
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	7	0.15
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	11	0.15
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	16	0.15
(1,1884)	1:896:A:LEU:H	1:898:A:GLU:H	14	0.15
(1,1844)	1:892:A:GLY:H	1:894:A:LYS:H	18	0.15
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	8	0.15
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	5	0.15
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	14	0.15
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	15	0.15
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	14	0.15
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	7	0.15
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	15	0.15
(1,1771)	1:897:A:ILE:H	1:897:A:ILE:HG12	14	0.15
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	2	0.15
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	5	0.15
(1,1716)	1:878:A:LYS:HB3	1:879:A:ALA:H	6	0.15
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	2	0.15
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	1	0.15
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	3	0.15
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	9	0.15
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	20	0.15
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	13	0.15
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	2	0.15
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	11	0.15
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	12	0.15
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	8	0.15
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	19	0.15
(1,1605)	1:871:A:GLN:H	1:871:A:GLN:HE22	5	0.15
(1,1571)	1:868:A:LEU:H	1:869:A:VAL:HB	5	0.15
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	3	0.15
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	15	0.15
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	4	0.15
(1,1538)	1:864:A:LYS:HG3	1:865:A:ASP:H	17	0.15
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	19	0.15
(1,1506)	1:861:A:LEU:H	1:864:A:LYS:HB2	7	0.15
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	8	0.15
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	6	0.15
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	14	0.15
(1,1445)	1:855:A:GLN:HE22	1:896:A:LEU:HG	5	0.15
(1,1439)	1:855:A:GLN:HE22	1:896:A:LEU:HA	4	0.15
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	8	0.15
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	11	0.15
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	1	0.15
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	12	0.15
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	5	0.15
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	10	0.15
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	11	0.15
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	12	0.15
(1,1392)	1:851:A:LEU:HB2	1:852:A:LEU:H	10	0.15
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	12	0.15
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	17	0.15
(1,1354)	1:849:A:THR:H	1:850:A:PHE:HB3	6	0.15
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	18	0.15
(1,1322)	1:842:A:SER:HA	1:844:A:LYS:H	8	0.15
(1,1313)	1:841:A:LEU:HB3	1:842:A:SER:H	14	0.15
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	16	0.15
(1,1308)	1:840:A:PHE:HA	1:842:A:SER:H	4	0.15
(1,1292)	1:836:A:ASP:HA	1:840:A:PHE:H	11	0.15
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	3	0.15
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	16	0.15
(1,1246)	1:832:A:THR:H	1:833:A:ALA:H	14	0.15
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	15	0.15
(1,1173)	1:824:A:ALA:H	1:827:A:HIS:H	16	0.15
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	19	0.15
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	3	0.15
(1,1139)	1:821:A:ASP:HA	1:824:A:ALA:H	3	0.15
(1,1137)	1:823:A:GLU:HB3	1:824:A:ALA:H	16	0.15
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	6	0.15
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	11	0.15
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	14	0.15
(1,1118)	1:819:A:ARG:HG3	1:821:A:ASP:H	12	0.15
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	3	0.15
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	10	0.15
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	12	0.15
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	17	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	5	0.15
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	11	0.15
(1,1074)	1:816:A:LEU:HG	1:817:A:SER:H	16	0.15
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	19	0.15
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	13	0.15
(1,1067)	1:814:A:ASN:H	1:816:A:LEU:H	20	0.15
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	20	0.15
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	14	0.15
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	5	0.15
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	1	0.15
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	19	0.15
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	13	0.15
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	12	0.15
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	14	0.15
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	18	0.15
(1,1013)	1:812:A:ILE:H	1:812:A:ILE:HG12	15	0.15
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	11	0.15
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	1	0.15
(1,975)	1:808:A:GLU:H	1:808:A:GLU:HB3	10	0.15
(1,975)	1:808:A:GLU:H	1:808:A:GLU:HB3	14	0.15
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	2	0.15
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	3	0.15
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	6	0.15
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	14	0.15
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	9	0.15
(1,920)	1:803:A:PRO:HB3	1:804:A:ASN:H	11	0.15
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	20	0.15
(1,905)	1:800:A:ILE:HG13	1:801:A:ALA:H	11	0.15
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	15	0.15
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	9	0.15
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	10	0.15
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	19	0.15
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	8	0.15
(1,765)	1:917:A:ILE:H	1:918:A:GLN:HG3	2	0.15
(1,765)	1:917:A:ILE:H	1:918:A:GLN:HG3	6	0.15
(1,765)	1:917:A:ILE:H	1:918:A:GLN:HG3	19	0.15
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	11	0.15
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	11	0.15
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	12	0.15
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	5	0.15
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	17	0.15
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	19	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	1	0.15
(1,510)	1:878:A:LYS:HA	1:878:A:LYS:HE2	5	0.15
(1,425)	1:867:A:SER:HB2	1:868:A:LEU:H	17	0.15
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	11	0.15
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	18	0.15
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	9	0.15
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	15	0.15
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	9	0.15
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	3	0.15
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	19	0.15
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	12	0.15
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	8	0.15
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	19	0.15
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	5	0.15
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	13	0.15
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	17	0.15
(1,3240)	1:861:A:LEU:CG	1:864:A:LYS:HB2	15	0.14
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG21	8	0.14
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG22	8	0.14
(1,3190)	1:851:A:LEU:CG	1:889:A:ILE:HG23	8	0.14
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	4	0.14
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	11	0.14
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	3	0.14
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	11	0.14
(1,2998)	1:917:A:ILE:H	1:919:A:ALA:H	2	0.14
(1,2998)	1:917:A:ILE:H	1:919:A:ALA:H	17	0.14
(1,2998)	1:917:A:ILE:H	1:919:A:ALA:H	19	0.14
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	7	0.14
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	10	0.14
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	19	0.14
(1,2965)	1:893:A:GLN:HB3	1:894:A:LYS:H	4	0.14
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	13	0.14
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	5	0.14
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	13	0.14
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	2	0.14
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	8	0.14
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	10	0.14
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	11	0.14
(1,2650)	1:813:A:ILE:H	1:816:A:LEU:H	8	0.14
(1,2561)	1:888:A:LEU:HB3	1:889:A:ILE:H	8	0.14
(1,2561)	1:888:A:LEU:HB3	1:889:A:ILE:H	17	0.14
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	3	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	10	0.14
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	1	0.14
(1,2542)	1:816:A:LEU:HB2	1:825:A:CYS:H	5	0.14
(1,2542)	1:816:A:LEU:HB2	1:825:A:CYS:H	20	0.14
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	1	0.14
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	10	0.14
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	13	0.14
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	16	0.14
(1,2532)	1:868:A:LEU:HB3	1:872:A:HIS:HD2	20	0.14
(1,2515)	1:822:A:LYS:H	1:823:A:GLU:HB2	6	0.14
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	17	0.14
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	9	0.14
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	11	0.14
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	13	0.14
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	17	0.14
(1,2490)	1:819:A:ARG:H	1:821:A:ASP:HB2	18	0.14
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	8	0.14
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	3	0.14
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	4	0.14
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	7	0.14
(1,2260)	1:873:A:LEU:HB2	1:901:A:PHE:HZ	2	0.14
(1,2238)	1:876:A:LEU:HA	1:924:A:TYR:HH	12	0.14
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	6	0.14
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	8	0.14
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	19	0.14
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	7	0.14
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	2	0.14
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	15	0.14
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	16	0.14
(1,2203)	1:819:A:ARG:H	1:821:A:ASP:H	14	0.14
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	7	0.14
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	18	0.14
(1,2171)	1:922:A:ARG:H	1:923:A:GLN:HB2	14	0.14
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	11	0.14
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	10	0.14
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	2	0.14
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	13	0.14
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	14	0.14
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	18	0.14
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	20	0.14
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	2	0.14
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	16	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2130)	1:915:A:GLU:HA	1:919:A:ALA:H	2	0.14
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	3	0.14
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	4	0.14
(1,2124)	1:918:A:GLN:HB3	1:919:A:ALA:H	4	0.14
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	18	0.14
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	3	0.14
(1,2118)	1:914:A:LEU:HG	1:918:A:GLN:HE22	18	0.14
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	15	0.14
(1,2099)	1:917:A:ILE:HG13	1:918:A:GLN:H	9	0.14
(1,2092)	1:916:A:ASP:HB3	1:917:A:ILE:H	10	0.14
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	11	0.14
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	13	0.14
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	14	0.14
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	1	0.14
(1,2068)	1:915:A:GLU:H	1:916:A:ASP:HA	20	0.14
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	5	0.14
(1,2005)	1:902:A:GLU:HA	1:906:A:ASP:H	4	0.14
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	7	0.14
(1,2001)	1:904:A:LEU:H	1:906:A:ASP:H	18	0.14
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	15	0.14
(1,1992)	1:903:A:ASP:HB3	1:905:A:SER:H	19	0.14
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	4	0.14
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	6	0.14
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	20	0.14
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	16	0.14
(1,1966)	1:903:A:ASP:H	1:905:A:SER:H	14	0.14
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	12	0.14
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	20	0.14
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	11	0.14
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	18	0.14
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	10	0.14
(1,1928)	1:899:A:GLN:HB3	1:900:A:LEU:H	10	0.14
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	4	0.14
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	5	0.14
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	8	0.14
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	12	0.14
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	15	0.14
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	8	0.14
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	13	0.14
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	15	0.14
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	7	0.14
(1,1837)	1:890:A:SER:H	1:893:A:GLN:H	10	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1832)	1:889:A:ILE:HB	1:890:A:SER:H	19	0.14
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	20	0.14
(1,1805)	1:887:A:THR:H	1:888:A:LEU:HB3	6	0.14
(1,1805)	1:887:A:THR:H	1:888:A:LEU:HB3	11	0.14
(1,1802)	1:886:A:LEU:HG	1:887:A:THR:H	14	0.14
(1,1786)	1:885:A:MET:H	1:885:A:MET:HG3	16	0.14
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	3	0.14
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	5	0.14
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	13	0.14
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	14	0.14
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	17	0.14
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	19	0.14
(1,1752)	1:880:A:GLU:HA	1:882:A:PHE:H	14	0.14
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	7	0.14
(1,1722)	1:878:A:LYS:HA	1:879:A:ALA:H	16	0.14
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	15	0.14
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	5	0.14
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	17	0.14
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	19	0.14
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	5	0.14
(1,1611)	1:834:A:PRO:HB2	1:872:A:HIS:H	10	0.14
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	13	0.14
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	14	0.14
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	15	0.14
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	7	0.14
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	13	0.14
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	4	0.14
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	11	0.14
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	18	0.14
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	20	0.14
(1,1498)	1:823:A:GLU:HA	1:860:A:ASN:HD22	17	0.14
(1,1428)	1:852:A:LEU:HB3	1:855:A:GLN:H	1	0.14
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	4	0.14
(1,1399)	1:853:A:LEU:H	1:853:A:LEU:HG	16	0.14
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	9	0.14
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	10	0.14
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	2	0.14
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	4	0.14
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	5	0.14
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	10	0.14
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	17	0.14
(1,1241)	1:833:A:ALA:H	1:837:A:LEU:HA	8	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	10	0.14
(1,1201)	1:829:A:LEU:H	1:831:A:ILE:H	19	0.14
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	17	0.14
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	2	0.14
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	13	0.14
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	20	0.14
(1,1158)	1:825:A:CYS:HB2	1:826:A:ALA:H	2	0.14
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	19	0.14
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	7	0.14
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	4	0.14
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	2	0.14
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	6	0.14
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	10	0.14
(1,1085)	1:816:A:LEU:HB2	1:818:A:THR:H	4	0.14
(1,1077)	1:817:A:SER:H	1:818:A:THR:HB	17	0.14
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	2	0.14
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	3	0.14
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	8	0.14
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	5	0.14
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	1	0.14
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	3	0.14
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	9	0.14
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	10	0.14
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	13	0.14
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	15	0.14
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	19	0.14
(1,1057)	1:812:A:ILE:HA	1:815:A:ALA:H	1	0.14
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	8	0.14
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	18	0.14
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	2	0.14
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	15	0.14
(1,1007)	1:811:A:GLN:H	1:813:A:ILE:H	14	0.14
(1,985)	1:803:A:PRO:HA	1:809:A:PHE:H	11	0.14
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	12	0.14
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	6	0.14
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	11	0.14
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	12	0.14
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	3	0.14
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	4	0.14
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	17	0.14
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	18	0.14
(1,905)	1:800:A:ILE:HG13	1:801:A:ALA:H	12	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	1	0.14
(1,893)	1:798:A:LEU:H	1:799:A:PRO:HD2	17	0.14
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	2	0.14
(1,883)	1:797:A:LYS:H	1:797:A:LYS:HB2	9	0.14
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	6	0.14
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	5	0.14
(1,770)	1:920:A:LEU:HA	1:923:A:GLN:HB3	6	0.14
(1,765)	1:917:A:ILE:H	1:918:A:GLN:HG3	5	0.14
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	18	0.14
(1,735)	1:915:A:GLU:HA	1:918:A:GLN:HB2	20	0.14
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	8	0.14
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	1	0.14
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	8	0.14
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	8	0.14
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	8	0.14
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	18	0.14
(1,510)	1:878:A:LYS:HA	1:878:A:LYS:HE2	2	0.14
(1,419)	1:862:A:ILE:HB	1:866:A:PRO:HA	19	0.14
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	15	0.14
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	3	0.14
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	8	0.14
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	3	0.14
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	15	0.14
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	2	0.14
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	10	0.14
(1,321)	1:854:A:ILE:HA	1:857:A:LEU:HB3	3	0.14
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	2	0.14
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	12	0.14
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	1	0.14
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	4	0.14
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	12	0.14
(1,3236)	1:857:A:LEU:CG	1:876:A:LEU:HD21	7	0.13
(1,3236)	1:857:A:LEU:CG	1:876:A:LEU:HD22	7	0.13
(1,3236)	1:857:A:LEU:CG	1:876:A:LEU:HD23	7	0.13
(1,3196)	1:851:A:LEU:CG	1:893:A:GLN:HE21	20	0.13
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	1	0.13
(1,3110)	1:832:A:THR:HB	1:837:A:LEU:CG	11	0.13
(1,3101)	1:829:A:LEU:HB2	1:861:A:LEU:CG	16	0.13
(1,3005)	1:923:A:GLN:HE21	1:925:A:GLU:H	6	0.13
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	6	0.13
(1,2998)	1:917:A:ILE:H	1:919:A:ALA:H	9	0.13
(1,2996)	1:902:A:GLU:H	1:904:A:LEU:H	12	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	15	0.13
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	13	0.13
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	14	0.13
(1,2659)	1:801:A:ALA:H	1:802:A:LYS:H	15	0.13
(1,2657)	1:870:A:TYR:H	1:873:A:LEU:H	18	0.13
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	15	0.13
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	18	0.13
(1,2650)	1:813:A:ILE:H	1:816:A:LEU:H	11	0.13
(1,2561)	1:888:A:LEU:HB3	1:889:A:ILE:H	2	0.13
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	11	0.13
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	19	0.13
(1,2541)	1:855:A:GLN:HE21	1:896:A:LEU:HB2	15	0.13
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	2	0.13
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	4	0.13
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	10	0.13
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	12	0.13
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	19	0.13
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	2	0.13
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	9	0.13
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	5	0.13
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	14	0.13
(1,2426)	1:891:A:LYS:HA	1:895:A:GLU:H	3	0.13
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	7	0.13
(1,2405)	1:889:A:ILE:HA	1:894:A:LYS:H	17	0.13
(1,2238)	1:876:A:LEU:HA	1:924:A:TYR:HH	2	0.13
(1,2238)	1:876:A:LEU:HA	1:924:A:TYR:HH	16	0.13
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	2	0.13
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	16	0.13
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	3	0.13
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	12	0.13
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	18	0.13
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	7	0.13
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	10	0.13
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	13	0.13
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	16	0.13
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	5	0.13
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	1	0.13
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	5	0.13
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	18	0.13
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	12	0.13
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	15	0.13
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	7	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	11	0.13
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	12	0.13
(1,2117)	1:918:A:GLN:HB3	1:918:A:GLN:HE22	9	0.13
(1,2104)	1:918:A:GLN:H	1:918:A:GLN:HG3	8	0.13
(1,2084)	1:915:A:GLU:HB2	1:916:A:ASP:H	11	0.13
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	12	0.13
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	17	0.13
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	14	0.13
(1,2075)	1:812:A:ILE:HG12	1:813:A:ILE:H	17	0.13
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	7	0.13
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	9	0.13
(1,2068)	1:915:A:GLU:H	1:916:A:ASP:HA	3	0.13
(1,2064)	1:913:A:THR:H	1:915:A:GLU:H	5	0.13
(1,2064)	1:913:A:THR:H	1:915:A:GLU:H	10	0.13
(1,2064)	1:913:A:THR:H	1:915:A:GLU:H	12	0.13
(1,2060)	1:914:A:LEU:H	1:915:A:GLU:HA	15	0.13
(1,2042)	1:912:A:PHE:H	1:913:A:THR:H	20	0.13
(1,2021)	1:909:A:ASN:H	1:909:A:ASN:HD22	20	0.13
(1,2013)	1:909:A:ASN:H	1:909:A:ASN:HD21	17	0.13
(1,2013)	1:909:A:ASN:H	1:909:A:ASN:HD21	20	0.13
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	12	0.13
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	15	0.13
(1,1992)	1:903:A:ASP:HB3	1:905:A:SER:H	11	0.13
(1,1988)	1:902:A:GLU:HG2	1:905:A:SER:H	9	0.13
(1,1984)	1:904:A:LEU:HB3	1:905:A:SER:H	12	0.13
(1,1974)	1:902:A:GLU:HG3	1:903:A:ASP:H	2	0.13
(1,1972)	1:903:A:ASP:H	1:904:A:LEU:HB2	5	0.13
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	20	0.13
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	7	0.13
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	6	0.13
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	9	0.13
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	2	0.13
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	5	0.13
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	12	0.13
(1,1931)	1:900:A:LEU:H	1:901:A:PHE:HB2	6	0.13
(1,1928)	1:899:A:GLN:HB3	1:900:A:LEU:H	12	0.13
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	2	0.13
(1,1907)	1:899:A:GLN:H	1:899:A:GLN:HB3	3	0.13
(1,1904)	1:895:A:GLU:HA	1:898:A:GLU:H	20	0.13
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	9	0.13
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	10	0.13
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	17	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	19	0.13
(1,1887)	1:894:A:LYS:HA	1:896:A:LEU:H	10	0.13
(1,1866)	1:894:A:LYS:H	1:896:A:LEU:H	10	0.13
(1,1844)	1:892:A:GLY:H	1:894:A:LYS:H	1	0.13
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	16	0.13
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	17	0.13
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	8	0.13
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	11	0.13
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	12	0.13
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	18	0.13
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	20	0.13
(1,1722)	1:878:A:LYS:HA	1:879:A:ALA:H	18	0.13
(1,1716)	1:878:A:LYS:HB3	1:879:A:ALA:H	14	0.13
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	10	0.13
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	7	0.13
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	12	0.13
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	1	0.13
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	6	0.13
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	10	0.13
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	13	0.13
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	18	0.13
(1,1573)	1:868:A:LEU:H	1:869:A:VAL:HA	13	0.13
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	14	0.13
(1,1469)	1:858:A:LYS:H	1:858:A:LYS:HB2	7	0.13
(1,1458)	1:857:A:LEU:H	1:861:A:LEU:HG	8	0.13
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	11	0.13
(1,1452)	1:855:A:GLN:HG2	1:856:A:SER:H	1	0.13
(1,1452)	1:855:A:GLN:HG2	1:856:A:SER:H	4	0.13
(1,1436)	1:851:A:LEU:HB2	1:855:A:GLN:HE21	15	0.13
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	4	0.13
(1,1427)	1:851:A:LEU:HB2	1:855:A:GLN:H	13	0.13
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	15	0.13
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	10	0.13
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	19	0.13
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	8	0.13
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	10	0.13
(1,1392)	1:851:A:LEU:HB2	1:852:A:LEU:H	11	0.13
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	7	0.13
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	11	0.13
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	20	0.13
(1,1350)	1:846:A:GLU:HA	1:849:A:THR:H	15	0.13
(1,1350)	1:846:A:GLU:HA	1:849:A:THR:H	18	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	12	0.13
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	12	0.13
(1,1341)	1:848:A:ASP:H	1:850:A:PHE:HB3	17	0.13
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	3	0.13
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	18	0.13
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	7	0.13
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	11	0.13
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	14	0.13
(1,1246)	1:832:A:THR:H	1:833:A:ALA:H	4	0.13
(1,1246)	1:832:A:THR:H	1:833:A:ALA:H	16	0.13
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	12	0.13
(1,1200)	1:829:A:LEU:H	1:830:A:ALA:HA	16	0.13
(1,1178)	1:824:A:ALA:HA	1:828:A:LEU:H	20	0.13
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	17	0.13
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	6	0.13
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	16	0.13
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	3	0.13
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	19	0.13
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	10	0.13
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	13	0.13
(1,1107)	1:818:A:THR:HA	1:820:A:LYS:H	2	0.13
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	18	0.13
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	1	0.13
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	19	0.13
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	1	0.13
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	6	0.13
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	8	0.13
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	9	0.13
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	4	0.13
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	14	0.13
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	16	0.13
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	17	0.13
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	17	0.13
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	19	0.13
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	4	0.13
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	14	0.13
(1,1044)	1:814:A:ASN:HA	1:814:A:ASN:HD22	17	0.13
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	6	0.13
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	7	0.13
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	20	0.13
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	20	0.13
(1,1005)	1:811:A:GLN:H	1:811:A:GLN:HE22	9	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	17	0.13
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	1	0.13
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	11	0.13
(1,894)	1:797:A:LYS:HA	1:798:A:LEU:H	13	0.13
(1,890)	1:798:A:LEU:H	1:798:A:LEU:HG	5	0.13
(1,870)	1:863:A:GLU:HA	1:863:A:GLU:HG3	15	0.13
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	9	0.13
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	10	0.13
(1,765)	1:917:A:ILE:H	1:918:A:GLN:HG3	4	0.13
(1,735)	1:915:A:GLU:HA	1:918:A:GLN:HB2	1	0.13
(1,718)	1:907:A:THR:H	1:907:A:THR:HB	10	0.13
(1,718)	1:907:A:THR:H	1:907:A:THR:HB	15	0.13
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	9	0.13
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	15	0.13
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	5	0.13
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	7	0.13
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	20	0.13
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	16	0.13
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	6	0.13
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	20	0.13
(1,277)	1:848:A:ASP:HA	1:851:A:LEU:HB2	20	0.13
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	10	0.13
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	14	0.13
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	17	0.13
(1,18)	1:800:A:ILE:H	1:800:A:ILE:HG12	7	0.13
(1,10)	1:799:A:PRO:HA	1:800:A:ILE:HA	1	0.13
(1,6)	1:798:A:LEU:HA	1:799:A:PRO:HD2	20	0.13
(1,3234)	1:857:A:LEU:CG	1:873:A:LEU:HD11	18	0.12
(1,3234)	1:857:A:LEU:CG	1:873:A:LEU:HD12	18	0.12
(1,3234)	1:857:A:LEU:CG	1:873:A:LEU:HD13	18	0.12
(1,3223)	1:857:A:LEU:CG	1:861:A:LEU:H	13	0.12
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	4	0.12
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	4	0.12
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	4	0.12
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	10	0.12
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	10	0.12
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	10	0.12
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	14	0.12
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	4	0.12
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	4	0.12
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	4	0.12
(1,3008)	1:922:A:ARG:H	1:922:A:ARG:HE	13	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3004)	1:805:A:ASN:H	1:805:A:ASN:HD22	11	0.12
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	14	0.12
(1,2993)	1:797:A:LYS:H	1:798:A:LEU:H	1	0.12
(1,2978)	1:816:A:LEU:HB3	1:822:A:LYS:H	2	0.12
(1,2965)	1:893:A:GLN:HB3	1:894:A:LYS:H	1	0.12
(1,2962)	1:831:A:ILE:HB	1:832:A:THR:H	17	0.12
(1,2945)	1:919:A:ALA:HA	1:922:A:ARG:H	19	0.12
(1,2915)	1:811:A:GLN:HA	1:814:A:ASN:HB3	14	0.12
(1,2913)	1:836:A:ASP:HA	1:839:A:MET:HB3	7	0.12
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG2	11	0.12
(1,2827)	1:889:A:ILE:HD12	1:894:A:LYS:HG3	11	0.12
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG2	11	0.12
(1,2827)	1:889:A:ILE:HD13	1:894:A:LYS:HG3	11	0.12
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG2	11	0.12
(1,2827)	1:889:A:ILE:HD11	1:894:A:LYS:HG3	11	0.12
(1,2717)	1:875:A:TYR:HA	1:878:A:LYS:HE3	7	0.12
(1,2661)	1:861:A:LEU:H	1:863:A:GLU:H	14	0.12
(1,2661)	1:861:A:LEU:H	1:863:A:GLU:H	19	0.12
(1,2659)	1:801:A:ALA:H	1:802:A:LYS:H	4	0.12
(1,2656)	1:901:A:PHE:H	1:904:A:LEU:H	20	0.12
(1,2561)	1:888:A:LEU:HB3	1:889:A:ILE:H	5	0.12
(1,2561)	1:888:A:LEU:HB3	1:889:A:ILE:H	11	0.12
(1,2561)	1:888:A:LEU:HB3	1:889:A:ILE:H	12	0.12
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	2	0.12
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	8	0.12
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	18	0.12
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	20	0.12
(1,2549)	1:855:A:GLN:HE21	1:896:A:LEU:HB3	5	0.12
(1,2548)	1:881:A:ARG:HG3	1:881:A:ARG:HE	14	0.12
(1,2513)	1:855:A:GLN:HE22	1:897:A:ILE:HG13	5	0.12
(1,2501)	1:827:A:HIS:H	1:828:A:LEU:HB2	11	0.12
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	4	0.12
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	10	0.12
(1,2440)	1:848:A:ASP:H	1:849:A:THR:HA	17	0.12
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	14	0.12
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	5	0.12
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	9	0.12
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	16	0.12
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	3	0.12
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	12	0.12
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	19	0.12
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	3	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	4	0.12
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	12	0.12
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	16	0.12
(1,2217)	1:922:A:ARG:HA	1:925:A:GLU:H	5	0.12
(1,2214)	1:924:A:TYR:HB3	1:925:A:GLU:H	20	0.12
(1,2207)	1:924:A:TYR:H	1:924:A:TYR:HB3	6	0.12
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	8	0.12
(1,2192)	1:920:A:LEU:HA	1:923:A:GLN:H	13	0.12
(1,2184)	1:921:A:LYS:HB3	1:923:A:GLN:H	17	0.12
(1,2171)	1:922:A:ARG:H	1:923:A:GLN:HB2	8	0.12
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	4	0.12
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	7	0.12
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	3	0.12
(1,2147)	1:920:A:LEU:H	1:921:A:LYS:HG3	16	0.12
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	5	0.12
(1,2142)	1:917:A:ILE:HA	1:920:A:LEU:H	7	0.12
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	6	0.12
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	7	0.12
(1,2135)	1:919:A:ALA:H	1:921:A:LYS:H	14	0.12
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	6	0.12
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	8	0.12
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	17	0.12
(1,2129)	1:918:A:GLN:HA	1:919:A:ALA:H	19	0.12
(1,2127)	1:918:A:GLN:HG2	1:919:A:ALA:H	11	0.12
(1,2127)	1:918:A:GLN:HG2	1:919:A:ALA:H	14	0.12
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	8	0.12
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	13	0.12
(1,2121)	1:918:A:GLN:HE22	1:921:A:LYS:HG2	14	0.12
(1,2115)	1:918:A:GLN:HG2	1:918:A:GLN:HE22	3	0.12
(1,2104)	1:918:A:GLN:H	1:918:A:GLN:HG3	6	0.12
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	17	0.12
(1,2082)	1:912:A:PHE:HB2	1:916:A:ASP:H	3	0.12
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	16	0.12
(1,2081)	1:916:A:ASP:H	1:916:A:ASP:HB3	20	0.12
(1,2042)	1:912:A:PHE:H	1:913:A:THR:H	8	0.12
(1,2042)	1:912:A:PHE:H	1:913:A:THR:H	17	0.12
(1,2042)	1:912:A:PHE:H	1:913:A:THR:H	18	0.12
(1,2035)	1:912:A:PHE:H	1:912:A:PHE:HB2	16	0.12
(1,2018)	1:908:A:PRO:HB3	1:909:A:ASN:H	12	0.12
(1,2018)	1:908:A:PRO:HB3	1:909:A:ASN:H	19	0.12
(1,2017)	1:908:A:PRO:HG3	1:909:A:ASN:H	15	0.12
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	8	0.12
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	11	0.12
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	13	0.12
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	18	0.12
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	18	0.12
(1,2003)	1:903:A:ASP:HA	1:906:A:ASP:H	13	0.12
(1,1999)	1:905:A:SER:H	1:907:A:THR:H	20	0.12
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	1	0.12
(1,1989)	1:905:A:SER:H	1:917:A:ILE:HB	16	0.12
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	4	0.12
(1,1976)	1:903:A:ASP:H	1:903:A:ASP:HB3	8	0.12
(1,1968)	1:903:A:ASP:H	1:906:A:ASP:H	17	0.12
(1,1967)	1:901:A:PHE:H	1:903:A:ASP:H	5	0.12
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	19	0.12
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	1	0.12
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	7	0.12
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	14	0.12
(1,1944)	1:901:A:PHE:H	1:902:A:GLU:HG3	11	0.12
(1,1915)	1:909:A:ASN:HD22	1:910:A:ASN:H	11	0.12
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	18	0.12
(1,1884)	1:896:A:LEU:H	1:898:A:GLU:H	1	0.12
(1,1866)	1:894:A:LYS:H	1:896:A:LEU:H	8	0.12
(1,1858)	1:890:A:SER:H	1:893:A:GLN:HE21	10	0.12
(1,1854)	1:893:A:GLN:H	1:893:A:GLN:HE21	6	0.12
(1,1846)	1:892:A:GLY:H	1:893:A:GLN:HB2	14	0.12
(1,1832)	1:889:A:ILE:HB	1:890:A:SER:H	6	0.12
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	6	0.12
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	20	0.12
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	7	0.12
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	20	0.12
(1,1805)	1:887:A:THR:H	1:888:A:LEU:HB3	20	0.12
(1,1802)	1:886:A:LEU:HG	1:887:A:THR:H	4	0.12
(1,1802)	1:886:A:LEU:HG	1:887:A:THR:H	20	0.12
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	1	0.12
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	2	0.12
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	4	0.12
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	9	0.12
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	10	0.12
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	2	0.12
(1,1722)	1:878:A:LYS:HA	1:879:A:ALA:H	5	0.12
(1,1716)	1:878:A:LYS:HB3	1:879:A:ALA:H	9	0.12
(1,1716)	1:878:A:LYS:HB3	1:879:A:ALA:H	17	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1716)	1:878:A:LYS:HB3	1:879:A:ALA:H	19	0.12
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	13	0.12
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	2	0.12
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	3	0.12
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	5	0.12
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	6	0.12
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	18	0.12
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	14	0.12
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	17	0.12
(1,1608)	1:834:A:PRO:HG3	1:872:A:HIS:H	20	0.12
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	6	0.12
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	16	0.12
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	1	0.12
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	14	0.12
(1,1526)	1:864:A:LYS:H	1:864:A:LYS:HG3	5	0.12
(1,1524)	1:863:A:GLU:H	1:864:A:LYS:HG2	8	0.12
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	16	0.12
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	9	0.12
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	18	0.12
(1,1452)	1:855:A:GLN:HG2	1:856:A:SER:H	6	0.12
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	8	0.12
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	14	0.12
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	2	0.12
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	18	0.12
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	20	0.12
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	3	0.12
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	4	0.12
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	11	0.12
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	15	0.12
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	18	0.12
(1,1392)	1:851:A:LEU:HB2	1:852:A:LEU:H	1	0.12
(1,1392)	1:851:A:LEU:HB2	1:852:A:LEU:H	4	0.12
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	2	0.12
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	3	0.12
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	5	0.12
(1,1350)	1:846:A:GLU:HA	1:849:A:THR:H	1	0.12
(1,1313)	1:841:A:LEU:HB3	1:842:A:SER:H	3	0.12
(1,1282)	1:836:A:ASP:HA	1:839:A:MET:H	9	0.12
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	8	0.12
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	12	0.12
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	18	0.12
(1,1259)	1:836:A:ASP:H	1:837:A:LEU:HA	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1221)	1:831:A:ILE:H	1:832:A:THR:HB	5	0.12
(1,1221)	1:831:A:ILE:H	1:832:A:THR:HB	12	0.12
(1,1198)	1:828:A:LEU:HB2	1:829:A:LEU:H	14	0.12
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	18	0.12
(1,1130)	1:823:A:GLU:H	1:823:A:GLU:HB3	12	0.12
(1,1084)	1:818:A:THR:H	1:819:A:ARG:HG3	2	0.12
(1,1084)	1:818:A:THR:H	1:819:A:ARG:HG3	17	0.12
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	5	0.12
(1,1074)	1:816:A:LEU:HG	1:817:A:SER:H	7	0.12
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	7	0.12
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	6	0.12
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	10	0.12
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	2	0.12
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	13	0.12
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	5	0.12
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	16	0.12
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	8	0.12
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	18	0.12
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	11	0.12
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	4	0.12
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	19	0.12
(1,943)	1:805:A:ASN:HA	1:805:A:ASN:HD21	20	0.12
(1,924)	1:804:A:ASN:H	1:809:A:PHE:HA	8	0.12
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	3	0.12
(1,907)	1:799:A:PRO:HB2	1:801:A:ALA:H	12	0.12
(1,905)	1:800:A:ILE:HG13	1:801:A:ALA:H	9	0.12
(1,901)	1:799:A:PRO:HB3	1:800:A:ILE:H	13	0.12
(1,893)	1:798:A:LEU:H	1:799:A:PRO:HD2	9	0.12
(1,893)	1:798:A:LEU:H	1:799:A:PRO:HD2	11	0.12
(1,893)	1:798:A:LEU:H	1:799:A:PRO:HD2	14	0.12
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	6	0.12
(1,800)	1:923:A:GLN:HA	1:923:A:GLN:HG3	17	0.12
(1,799)	1:923:A:GLN:H	1:923:A:GLN:HG3	7	0.12
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	11	0.12
(1,765)	1:917:A:ILE:H	1:918:A:GLN:HG3	10	0.12
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	7	0.12
(1,735)	1:915:A:GLU:HA	1:918:A:GLN:HB2	19	0.12
(1,696)	1:901:A:PHE:HA	1:904:A:LEU:HB3	12	0.12
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	2	0.12
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	3	0.12
(1,683)	1:899:A:GLN:HA	1:899:A:GLN:HG3	15	0.12
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	7	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	11	0.12
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	13	0.12
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	16	0.12
(1,622)	1:894:A:LYS:HA	1:897:A:ILE:H	2	0.12
(1,236)	1:834:A:PRO:HA	1:837:A:LEU:HA	16	0.12
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	17	0.12
(1,55)	1:811:A:GLN:HA	1:811:A:GLN:HG3	7	0.12
(1,19)	1:800:A:ILE:HG12	1:801:A:ALA:H	15	0.12
(1,16)	1:800:A:ILE:HB	1:801:A:ALA:H	19	0.12
(1,10)	1:799:A:PRO:HA	1:800:A:ILE:HA	17	0.12
(1,3196)	1:851:A:LEU:CG	1:893:A:GLN:HE21	2	0.11
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD12	17	0.11
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD13	17	0.11
(1,3191)	1:851:A:LEU:CG	1:889:A:ILE:HD11	17	0.11
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	9	0.11
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	9	0.11
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	9	0.11
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG21	16	0.11
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG22	16	0.11
(1,3184)	1:851:A:LEU:CG	1:854:A:ILE:HG23	16	0.11
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	15	0.11
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	17	0.11
(1,3183)	1:851:A:LEU:CG	1:852:A:LEU:H	19	0.11
(1,3105)	1:829:A:LEU:HD21	1:857:A:LEU:CG	13	0.11
(1,3105)	1:829:A:LEU:HD22	1:857:A:LEU:CG	13	0.11
(1,3105)	1:829:A:LEU:HD23	1:857:A:LEU:CG	13	0.11
(1,2998)	1:917:A:ILE:H	1:919:A:ALA:H	13	0.11
(1,2965)	1:893:A:GLN:HB3	1:894:A:LYS:H	2	0.11
(1,2965)	1:893:A:GLN:HB3	1:894:A:LYS:H	6	0.11
(1,2945)	1:919:A:ALA:HA	1:922:A:ARG:H	5	0.11
(1,2911)	1:883:A:LYS:HA	1:886:A:LEU:HB2	7	0.11
(1,2661)	1:861:A:LEU:H	1:863:A:GLU:H	6	0.11
(1,2661)	1:861:A:LEU:H	1:863:A:GLU:H	9	0.11
(1,2659)	1:801:A:ALA:H	1:802:A:LYS:H	19	0.11
(1,2659)	1:801:A:ALA:H	1:802:A:LYS:H	20	0.11
(1,2658)	1:822:A:LYS:H	1:825:A:CYS:H	3	0.11
(1,2654)	1:796:A:GLU:H	1:797:A:LYS:H	16	0.11
(1,2582)	1:891:A:LYS:HG2	1:892:A:GLY:H	1	0.11
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	17	0.11
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	19	0.11
(1,2542)	1:816:A:LEU:HB2	1:825:A:CYS:H	9	0.11
(1,2528)	1:855:A:GLN:HB3	1:857:A:LEU:H	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	10	0.11
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	18	0.11
(1,2473)	1:811:A:GLN:HE21	1:814:A:ASN:HB3	14	0.11
(1,2460)	1:855:A:GLN:HE22	1:897:A:ILE:HA	12	0.11
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	4	0.11
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	5	0.11
(1,2443)	1:823:A:GLU:HA	1:825:A:CYS:H	14	0.11
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	1	0.11
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	5	0.11
(1,2433)	1:868:A:LEU:HA	1:872:A:HIS:HD2	18	0.11
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	8	0.11
(1,2416)	1:887:A:THR:HA	1:889:A:ILE:H	17	0.11
(1,2406)	1:867:A:SER:HA	1:911:A:HIS:HD2	14	0.11
(1,2406)	1:867:A:SER:HA	1:911:A:HIS:HD2	16	0.11
(1,2405)	1:889:A:ILE:HA	1:894:A:LYS:H	13	0.11
(1,2403)	1:913:A:THR:HA	1:915:A:GLU:H	16	0.11
(1,2268)	1:829:A:LEU:HA	1:872:A:HIS:HD2	11	0.11
(1,2245)	1:827:A:HIS:HE1	1:831:A:ILE:HB	4	0.11
(1,2238)	1:876:A:LEU:HA	1:924:A:TYR:HH	14	0.11
(1,2224)	1:921:A:LYS:HA	1:926:A:LEU:H	17	0.11
(1,2222)	1:925:A:GLU:HA	1:926:A:LEU:H	13	0.11
(1,2221)	1:924:A:TYR:HA	1:926:A:LEU:H	4	0.11
(1,2207)	1:924:A:TYR:H	1:924:A:TYR:HB3	8	0.11
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	4	0.11
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	8	0.11
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	13	0.11
(1,2186)	1:923:A:GLN:H	1:923:A:GLN:HB3	17	0.11
(1,2184)	1:921:A:LYS:HB3	1:923:A:GLN:H	5	0.11
(1,2184)	1:921:A:LYS:HB3	1:923:A:GLN:H	12	0.11
(1,2184)	1:921:A:LYS:HB3	1:923:A:GLN:H	14	0.11
(1,2176)	1:922:A:ARG:H	1:924:A:TYR:H	17	0.11
(1,2172)	1:922:A:ARG:H	1:923:A:GLN:HG2	20	0.11
(1,2160)	1:921:A:LYS:H	1:922:A:ARG:HA	2	0.11
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	10	0.11
(1,2157)	1:917:A:ILE:HA	1:921:A:LYS:H	14	0.11
(1,2127)	1:918:A:GLN:HG2	1:919:A:ALA:H	1	0.11
(1,2127)	1:918:A:GLN:HG2	1:919:A:ALA:H	6	0.11
(1,2126)	1:917:A:ILE:HB	1:919:A:ALA:H	19	0.11
(1,2119)	1:918:A:GLN:HE22	1:921:A:LYS:HB3	12	0.11
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	3	0.11
(1,2104)	1:918:A:GLN:H	1:918:A:GLN:HG3	4	0.11
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	4	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2087)	1:917:A:ILE:H	1:917:A:ILE:HG13	9	0.11
(1,2073)	1:813:A:ILE:H	1:813:A:ILE:HG13	19	0.11
(1,2068)	1:915:A:GLU:H	1:916:A:ASP:HA	16	0.11
(1,2064)	1:913:A:THR:H	1:915:A:GLU:H	6	0.11
(1,2042)	1:912:A:PHE:H	1:913:A:THR:H	9	0.11
(1,2042)	1:912:A:PHE:H	1:913:A:THR:H	11	0.11
(1,2040)	1:909:A:ASN:H	1:912:A:PHE:H	14	0.11
(1,2018)	1:908:A:PRO:HB3	1:909:A:ASN:H	2	0.11
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	4	0.11
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	11	0.11
(1,2006)	1:905:A:SER:HB2	1:906:A:ASP:H	2	0.11
(1,1998)	1:905:A:SER:H	1:906:A:ASP:HA	14	0.11
(1,1997)	1:903:A:ASP:HA	1:905:A:SER:H	4	0.11
(1,1994)	1:901:A:PHE:HA	1:905:A:SER:H	10	0.11
(1,1972)	1:903:A:ASP:H	1:904:A:LEU:HB2	10	0.11
(1,1972)	1:903:A:ASP:H	1:904:A:LEU:HB2	13	0.11
(1,1968)	1:903:A:ASP:H	1:906:A:ASP:H	5	0.11
(1,1968)	1:903:A:ASP:H	1:906:A:ASP:H	19	0.11
(1,1967)	1:901:A:PHE:H	1:903:A:ASP:H	4	0.11
(1,1962)	1:899:A:GLN:HA	1:902:A:GLU:H	6	0.11
(1,1961)	1:901:A:PHE:HB3	1:902:A:GLU:H	3	0.11
(1,1945)	1:901:A:PHE:H	1:902:A:GLU:HG2	17	0.11
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	4	0.11
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	7	0.11
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	10	0.11
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	13	0.11
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	15	0.11
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	20	0.11
(1,1940)	1:899:A:GLN:H	1:901:A:PHE:H	3	0.11
(1,1928)	1:899:A:GLN:HB3	1:900:A:LEU:H	11	0.11
(1,1928)	1:899:A:GLN:HB3	1:900:A:LEU:H	19	0.11
(1,1922)	1:895:A:GLU:HA	1:899:A:GLN:HE22	15	0.11
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	1	0.11
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	4	0.11
(1,1888)	1:896:A:LEU:H	1:897:A:ILE:HA	12	0.11
(1,1866)	1:894:A:LYS:H	1:896:A:LEU:H	2	0.11
(1,1863)	1:893:A:GLN:HA	1:893:A:GLN:HE22	6	0.11
(1,1863)	1:893:A:GLN:HA	1:893:A:GLN:HE22	9	0.11
(1,1845)	1:890:A:SER:HA	1:892:A:GLY:H	7	0.11
(1,1845)	1:890:A:SER:HA	1:892:A:GLY:H	11	0.11
(1,1844)	1:892:A:GLY:H	1:894:A:LYS:H	6	0.11
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1815)	1:888:A:LEU:H	1:889:A:ILE:HB	7	0.11
(1,1802)	1:886:A:LEU:HG	1:887:A:THR:H	17	0.11
(1,1802)	1:886:A:LEU:HG	1:887:A:THR:H	19	0.11
(1,1789)	1:885:A:MET:H	1:886:A:LEU:HA	16	0.11
(1,1752)	1:880:A:GLU:HA	1:882:A:PHE:H	13	0.11
(1,1724)	1:877:A:SER:H	1:879:A:ALA:H	13	0.11
(1,1722)	1:878:A:LYS:HA	1:879:A:ALA:H	10	0.11
(1,1722)	1:878:A:LYS:HA	1:879:A:ALA:H	12	0.11
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	18	0.11
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	11	0.11
(1,1684)	1:876:A:LEU:HB2	1:877:A:SER:H	18	0.11
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	9	0.11
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	17	0.11
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	20	0.11
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	3	0.11
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	4	0.11
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	8	0.11
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	9	0.11
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	16	0.11
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	17	0.11
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	20	0.11
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	5	0.11
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	11	0.11
(1,1555)	1:866:A:PRO:HB3	1:867:A:SER:H	18	0.11
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	3	0.11
(1,1540)	1:864:A:LYS:HB3	1:865:A:ASP:H	7	0.11
(1,1538)	1:864:A:LYS:HG3	1:865:A:ASP:H	2	0.11
(1,1527)	1:864:A:LYS:H	1:864:A:LYS:HB3	12	0.11
(1,1518)	1:863:A:GLU:H	1:864:A:LYS:HA	8	0.11
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	6	0.11
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	7	0.11
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	2	0.11
(1,1454)	1:855:A:GLN:HB3	1:856:A:SER:H	19	0.11
(1,1452)	1:855:A:GLN:HG2	1:856:A:SER:H	5	0.11
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	4	0.11
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	4	0.11
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	7	0.11
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	13	0.11
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	15	0.11
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	2	0.11
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	5	0.11
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	6	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	12	0.11
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	19	0.11
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	20	0.11
(1,1401)	1:850:A:PHE:HA	1:853:A:LEU:H	6	0.11
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	6	0.11
(1,1389)	1:852:A:LEU:H	1:853:A:LEU:HB3	18	0.11
(1,1378)	1:851:A:LEU:H	1:852:A:LEU:HB2	20	0.11
(1,1354)	1:849:A:THR:H	1:850:A:PHE:HB3	9	0.11
(1,1275)	1:837:A:LEU:H	1:838:A:PRO:HD3	7	0.11
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	13	0.11
(1,1246)	1:832:A:THR:H	1:833:A:ALA:H	17	0.11
(1,1228)	1:830:A:ALA:HA	1:832:A:THR:H	9	0.11
(1,1172)	1:827:A:HIS:H	1:827:A:HIS:HD2	1	0.11
(1,1164)	1:826:A:ALA:H	1:856:A:SER:HA	14	0.11
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	3	0.11
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	5	0.11
(1,1162)	1:822:A:LYS:HA	1:826:A:ALA:H	3	0.11
(1,1148)	1:823:A:GLU:HB2	1:825:A:CYS:H	12	0.11
(1,1142)	1:822:A:LYS:HA	1:825:A:CYS:H	17	0.11
(1,1132)	1:823:A:GLU:H	1:825:A:CYS:H	13	0.11
(1,1131)	1:821:A:ASP:HA	1:823:A:GLU:H	17	0.11
(1,1090)	1:814:A:ASN:HA	1:818:A:THR:H	15	0.11
(1,1086)	1:818:A:THR:H	1:819:A:ARG:HB2	3	0.11
(1,1085)	1:816:A:LEU:HB2	1:818:A:THR:H	2	0.11
(1,1075)	1:813:A:ILE:HA	1:817:A:SER:H	13	0.11
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	11	0.11
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	14	0.11
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	12	0.11
(1,1066)	1:814:A:ASN:HA	1:816:A:LEU:H	20	0.11
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	11	0.11
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	2	0.11
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	20	0.11
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	17	0.11
(1,1042)	1:814:A:ASN:HB2	1:814:A:ASN:HD22	10	0.11
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	3	0.11
(1,1031)	1:810:A:GLY:HA2	1:814:A:ASN:H	15	0.11
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	8	0.11
(1,1002)	1:811:A:GLN:H	1:811:A:GLN:HG3	19	0.11
(1,975)	1:808:A:GLU:H	1:808:A:GLU:HB3	5	0.11
(1,975)	1:808:A:GLU:H	1:808:A:GLU:HB3	13	0.11
(1,975)	1:808:A:GLU:H	1:808:A:GLU:HB3	17	0.11
(1,957)	1:807:A:TYR:H	1:808:A:GLU:HB2	5	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	8	0.11
(1,947)	1:805:A:ASN:HD22	1:806:A:ALA:H	12	0.11
(1,946)	1:805:A:ASN:HA	1:805:A:ASN:HD22	17	0.11
(1,939)	1:805:A:ASN:H	1:808:A:GLU:HB3	10	0.11
(1,936)	1:803:A:PRO:HA	1:804:A:ASN:HD22	14	0.11
(1,917)	1:801:A:ALA:HA	1:802:A:LYS:H	14	0.11
(1,899)	1:799:A:PRO:HB2	1:800:A:ILE:H	15	0.11
(1,893)	1:798:A:LEU:H	1:799:A:PRO:HD2	7	0.11
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	14	0.11
(1,768)	1:874:A:LEU:HG	1:920:A:LEU:HA	20	0.11
(1,764)	1:915:A:GLU:HA	1:918:A:GLN:HG3	19	0.11
(1,763)	1:918:A:GLN:HA	1:918:A:GLN:HG3	10	0.11
(1,729)	1:914:A:LEU:HG	1:915:A:GLU:H	2	0.11
(1,718)	1:907:A:THR:H	1:907:A:THR:HB	7	0.11
(1,631)	1:895:A:GLU:HA	1:895:A:GLU:HG2	9	0.11
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	10	0.11
(1,591)	1:889:A:ILE:HA	1:893:A:GLN:HB2	19	0.11
(1,540)	1:884:A:MET:HG3	1:885:A:MET:H	5	0.11
(1,513)	1:838:A:PRO:HB3	1:879:A:ALA:HA	4	0.11
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	3	0.11
(1,510)	1:878:A:LYS:HA	1:878:A:LYS:HE2	1	0.11
(1,369)	1:858:A:LYS:HG3	1:859:A:ASN:HA	7	0.11
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	10	0.11
(1,362)	1:854:A:ILE:HB	1:855:A:GLN:HG2	17	0.11
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	11	0.11
(1,353)	1:855:A:GLN:HA	1:855:A:GLN:HG2	13	0.11
(1,126)	1:819:A:ARG:HA	1:819:A:ARG:HG3	20	0.11
(1,111)	1:816:A:LEU:HA	1:819:A:ARG:HG3	14	0.11
(1,59)	1:808:A:GLU:HA	1:811:A:GLN:HG2	11	0.11
(1,10)	1:799:A:PRO:HA	1:800:A:ILE:HA	4	0.11
(1,10)	1:799:A:PRO:HA	1:800:A:ILE:HA	5	0.11
(1,10)	1:799:A:PRO:HA	1:800:A:ILE:HA	12	0.11
(1,3240)	1:861:A:LEU:CG	1:864:A:LYS:HB2	2	0.1
(1,3000)	1:800:A:ILE:H	1:801:A:ALA:H	15	0.1
(1,2963)	1:809:A:PHE:HZ	1:840:A:PHE:HB2	1	0.1
(1,2661)	1:861:A:LEU:H	1:863:A:GLU:H	12	0.1
(1,2659)	1:801:A:ALA:H	1:802:A:LYS:H	7	0.1
(1,2650)	1:813:A:ILE:H	1:816:A:LEU:H	12	0.1
(1,2556)	1:876:A:LEU:HB2	1:924:A:TYR:HH	14	0.1
(1,2542)	1:816:A:LEU:HB2	1:825:A:CYS:H	14	0.1
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	7	0.1
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	8	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	12	0.1
(1,2491)	1:855:A:GLN:HG3	1:855:A:GLN:HE22	20	0.1
(1,2473)	1:811:A:GLN:HE21	1:814:A:ASN:HB3	8	0.1
(1,2438)	1:809:A:PHE:H	1:810:A:GLY:HA3	8	0.1
(1,2420)	1:905:A:SER:HB3	1:906:A:ASP:H	4	0.1
(1,2238)	1:876:A:LEU:HA	1:924:A:TYR:HH	10	0.1
(1,2219)	1:923:A:GLN:H	1:925:A:GLU:H	6	0.1
(1,2207)	1:924:A:TYR:H	1:924:A:TYR:HB3	13	0.1
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	2	0.1
(1,2197)	1:921:A:LYS:H	1:923:A:GLN:H	16	0.1
(1,2184)	1:921:A:LYS:HB3	1:923:A:GLN:H	3	0.1
(1,2184)	1:921:A:LYS:HB3	1:923:A:GLN:H	19	0.1
(1,2171)	1:922:A:ARG:H	1:923:A:GLN:HB2	3	0.1
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	9	0.1
(1,2148)	1:920:A:LEU:H	1:921:A:LYS:HG2	11	0.1
(1,2132)	1:916:A:ASP:HA	1:919:A:ALA:H	7	0.1
(1,2111)	1:918:A:GLN:HE21	1:921:A:LYS:HB3	17	0.1
(1,2106)	1:918:A:GLN:H	1:918:A:GLN:HE22	4	0.1
(1,2105)	1:915:A:GLU:HA	1:918:A:GLN:H	7	0.1
(1,2068)	1:915:A:GLU:H	1:916:A:ASP:HA	15	0.1
(1,2059)	1:914:A:LEU:H	1:915:A:GLU:HB2	9	0.1
(1,2042)	1:912:A:PHE:H	1:913:A:THR:H	12	0.1
(1,2035)	1:912:A:PHE:H	1:912:A:PHE:HB2	4	0.1
(1,2035)	1:912:A:PHE:H	1:912:A:PHE:HB2	9	0.1
(1,2018)	1:908:A:PRO:HB3	1:909:A:ASN:H	4	0.1
(1,2018)	1:908:A:PRO:HB3	1:909:A:ASN:H	8	0.1
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	5	0.1
(1,2016)	1:908:A:PRO:HG2	1:909:A:ASN:H	19	0.1
(1,2010)	1:907:A:THR:H	1:908:A:PRO:HD3	20	0.1
(1,1989)	1:905:A:SER:H	1:917:A:ILE:HB	9	0.1
(1,1959)	1:902:A:GLU:H	1:903:A:ASP:HB2	20	0.1
(1,1942)	1:901:A:PHE:H	1:901:A:PHE:HB3	14	0.1
(1,1940)	1:899:A:GLN:H	1:901:A:PHE:H	8	0.1
(1,1928)	1:899:A:GLN:HB3	1:900:A:LEU:H	3	0.1
(1,1928)	1:899:A:GLN:HB3	1:900:A:LEU:H	6	0.1
(1,1928)	1:899:A:GLN:HB3	1:900:A:LEU:H	7	0.1
(1,1889)	1:895:A:GLU:HG2	1:896:A:LEU:H	14	0.1
(1,1884)	1:896:A:LEU:H	1:898:A:GLU:H	19	0.1
(1,1876)	1:890:A:SER:HA	1:894:A:LYS:H	19	0.1
(1,1875)	1:891:A:LYS:HA	1:894:A:LYS:H	9	0.1
(1,1832)	1:889:A:ILE:HB	1:890:A:SER:H	16	0.1
(1,1816)	1:888:A:LEU:H	1:888:A:LEU:HG	10	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1814)	1:886:A:LEU:HA	1:888:A:LEU:H	4	0.1
(1,1782)	1:885:A:MET:H	1:885:A:MET:HB3	16	0.1
(1,1768)	1:884:A:MET:H	1:884:A:MET:HG3	7	0.1
(1,1747)	1:841:A:LEU:HB3	1:882:A:PHE:H	16	0.1
(1,1712)	1:877:A:SER:HA	1:879:A:ALA:H	1	0.1
(1,1639)	1:873:A:LEU:HG	1:874:A:LEU:H	11	0.1
(1,1632)	1:909:A:ASN:H	1:910:A:ASN:H	15	0.1
(1,1610)	1:872:A:HIS:H	1:873:A:LEU:HB2	2	0.1
(1,1569)	1:866:A:PRO:HB2	1:868:A:LEU:H	10	0.1
(1,1551)	1:867:A:SER:H	1:868:A:LEU:HB3	20	0.1
(1,1550)	1:867:A:SER:H	1:868:A:LEU:HB2	5	0.1
(1,1544)	1:863:A:GLU:HA	1:865:A:ASP:H	20	0.1
(1,1504)	1:861:A:LEU:H	1:861:A:LEU:HG	14	0.1
(1,1495)	1:803:A:PRO:HA	1:805:A:ASN:H	13	0.1
(1,1452)	1:855:A:GLN:HG2	1:856:A:SER:H	19	0.1
(1,1416)	1:854:A:ILE:H	1:855:A:GLN:HB2	7	0.1
(1,1413)	1:852:A:LEU:HA	1:854:A:ILE:H	6	0.1
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	1	0.1
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	7	0.1
(1,1406)	1:904:A:LEU:H	1:904:A:LEU:HB3	9	0.1
(1,1378)	1:851:A:LEU:H	1:852:A:LEU:HB2	2	0.1
(1,1343)	1:848:A:ASP:H	1:851:A:LEU:H	17	0.1
(1,1310)	1:841:A:LEU:HB2	1:842:A:SER:H	1	0.1
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	6	0.1
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	8	0.1
(1,1261)	1:836:A:ASP:H	1:836:A:ASP:HB3	9	0.1
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	9	0.1
(1,1163)	1:824:A:ALA:HA	1:826:A:ALA:H	10	0.1
(1,1115)	1:821:A:ASP:H	1:821:A:ASP:HB3	8	0.1
(1,1113)	1:821:A:ASP:H	1:822:A:LYS:H	1	0.1
(1,1087)	1:818:A:THR:H	1:820:A:LYS:HA	13	0.1
(1,1080)	1:815:A:ALA:H	1:817:A:SER:H	14	0.1
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	5	0.1
(1,1072)	1:816:A:LEU:HB3	1:817:A:SER:H	13	0.1
(1,1061)	1:816:A:LEU:H	1:816:A:LEU:HB3	5	0.1
(1,1056)	1:813:A:ILE:HA	1:815:A:ALA:H	4	0.1
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	9	0.1
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	12	0.1
(1,1054)	1:815:A:ALA:H	1:816:A:LEU:HG	19	0.1
(1,1052)	1:815:A:ALA:H	1:816:A:LEU:HB2	18	0.1
(1,1043)	1:811:A:GLN:HA	1:814:A:ASN:HD22	15	0.1
(1,1013)	1:812:A:ILE:H	1:812:A:ILE:HG12	18	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,994)	1:810:A:GLY:H	1:840:A:PHE:HA	4	0.1
(1,975)	1:808:A:GLU:H	1:808:A:GLU:HB3	18	0.1
(1,946)	1:805:A:ASN:HA	1:805:A:ASN:HD22	1	0.1
(1,905)	1:800:A:ILE:HG13	1:801:A:ALA:H	19	0.1
(1,893)	1:798:A:LEU:H	1:799:A:PRO:HD2	16	0.1
(1,892)	1:798:A:LEU:H	1:799:A:PRO:HD3	10	0.1
(1,718)	1:907:A:THR:H	1:907:A:THR:HB	17	0.1
(1,645)	1:896:A:LEU:HB2	1:897:A:ILE:HA	6	0.1
(1,631)	1:895:A:GLU:HA	1:895:A:GLU:HG2	4	0.1
(1,629)	1:895:A:GLU:HA	1:895:A:GLU:HG3	18	0.1
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	10	0.1
(1,511)	1:878:A:LYS:H	1:879:A:ALA:HA	11	0.1
(1,356)	1:855:A:GLN:HA	1:858:A:LYS:HB2	12	0.1

10 Dihedral-angle violation analysis

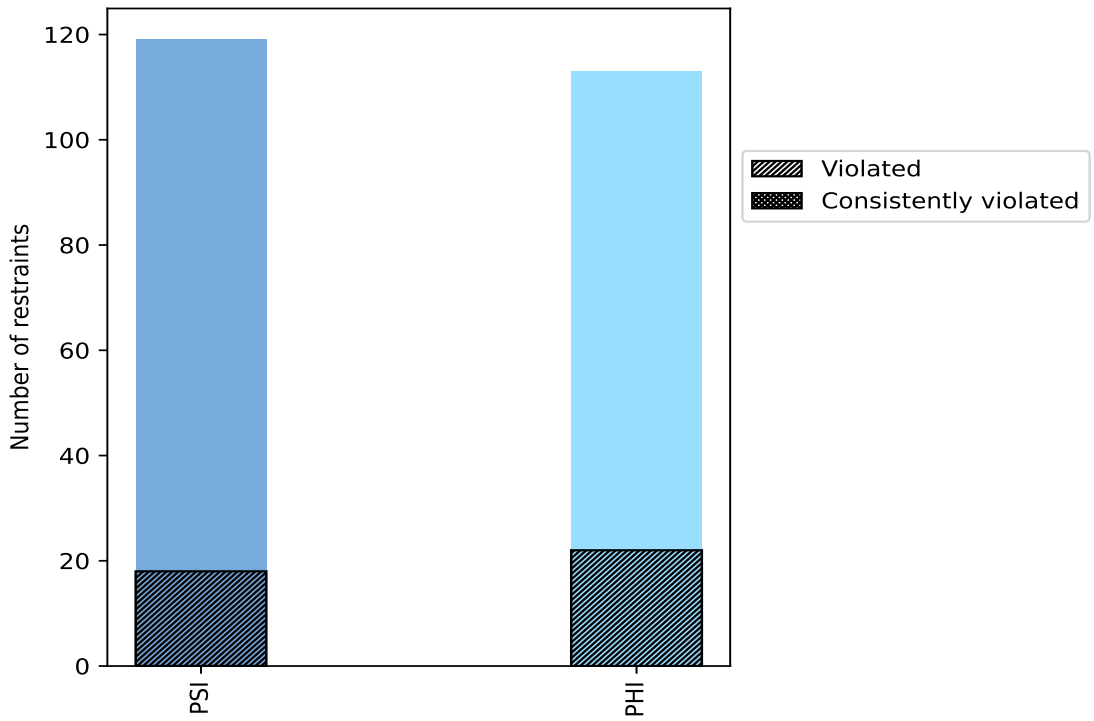
10.1 Summary of dihedral-angle violations

The following table provides the summary of dihedral-angle violations in different dihedral-angle types. Violations less than 1° are not included in the calculation.

Angle type	Count	%[1]	Violated[3]			Consistently Violated[4]		
			Count	%[2]	%[1]	Count	%[2]	%[1]
PSI	119	51.3	18	15.1	7.8	0	0.0	0.0
PHI	113	48.7	22	19.5	9.5	0	0.0	0.0
Total	232	100.0	40	17.2	17.2	0	0.0	0.0

[1] percentage calculated with respect to total number of dihedral-angle restraints, [2] percentage calculated with respect to number of restraints in a particular dihedral-angle type, [3] violated in at least one model, [4] violated in all the models

10.1.1 Bar chart : Distribution of dihedral-angles and violations



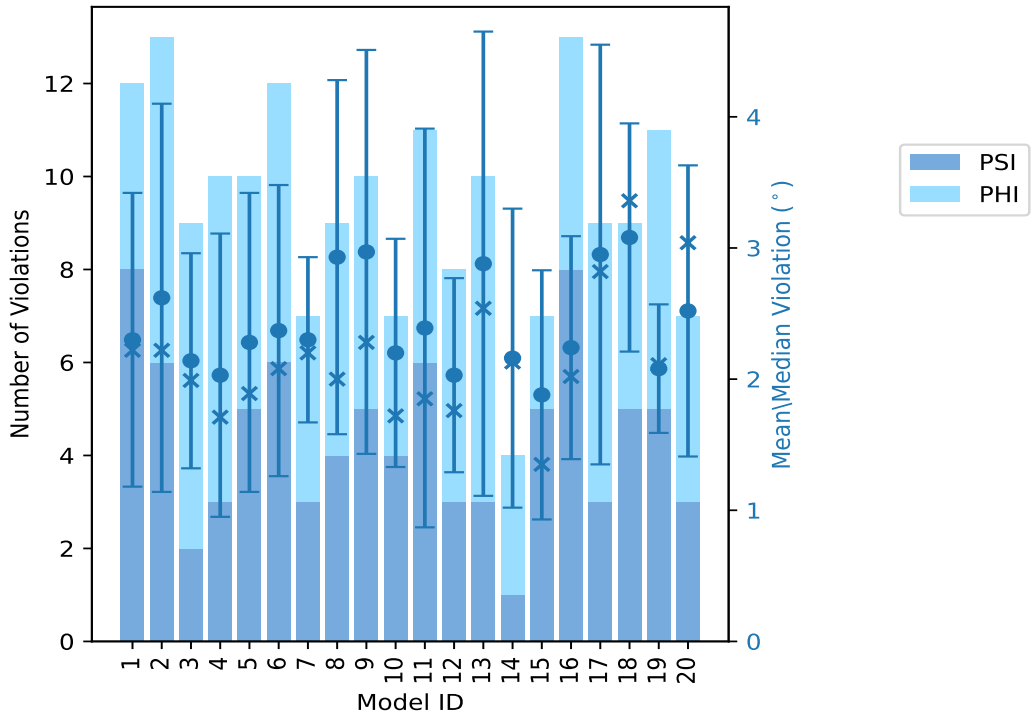
Violated and consistently violated restraints are shown using different hatch patterns in their respective categories

10.2 Dihedral-angle violation statistics for each model (i)

The following table provides the dihedral-angle violation statistics for each model in the ensemble. Violations less than 1° are not included in the statistics.

Model ID	Number of violations			Mean (°)	Max (°)	SD (°)	Median (°)
	PSI	PHI	Total				
1	8	4	12	2.3	5.26	1.12	2.22
2	6	7	13	2.62	5.36	1.48	2.22
3	2	7	9	2.14	3.96	0.82	1.99
4	3	7	10	2.03	4.47	1.08	1.71
5	5	5	10	2.28	4.11	1.14	1.89
6	6	6	12	2.37	5.36	1.11	2.08
7	3	4	7	2.3	3.24	0.63	2.2
8	4	5	9	2.93	5.09	1.35	2.0
9	5	5	10	2.97	5.41	1.54	2.28
10	4	3	7	2.2	3.49	0.87	1.72
11	6	5	11	2.39	5.61	1.52	1.85
12	3	5	8	2.03	3.17	0.74	1.76
13	3	7	10	2.88	7.1	1.77	2.54
14	1	3	4	2.16	3.37	1.14	2.13
15	5	2	7	1.88	3.66	0.95	1.35
16	8	5	13	2.24	4.25	0.85	2.02
17	3	6	9	2.95	6.4	1.6	2.82
18	5	4	9	3.08	4.17	0.87	3.36
19	5	6	11	2.08	2.99	0.49	2.11
20	3	4	7	2.52	3.75	1.11	3.04

10.2.1 Bar graph : Dihedral violation statistics for each model



The mean(dot),median(x) and the standard deviation are shown in blue with respect to the y axis on the right

10.3 Dihedral-angle violation statistics for the ensemble

Violation analysis may find that some restraints are violated in very few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of ensemble.

Number of violated restraints			Fraction of the ensemble	
PSI	PHI	Total	Count[1]	%
5	7	12	1	5.0
2	4	6	2	10.0
1	1	2	3	15.0
3	3	6	4	20.0
0	2	2	5	25.0
0	1	1	6	30.0
0	0	0	7	35.0
1	0	1	8	40.0
5	1	6	9	45.0
0	0	0	10	50.0
1	0	1	11	55.0

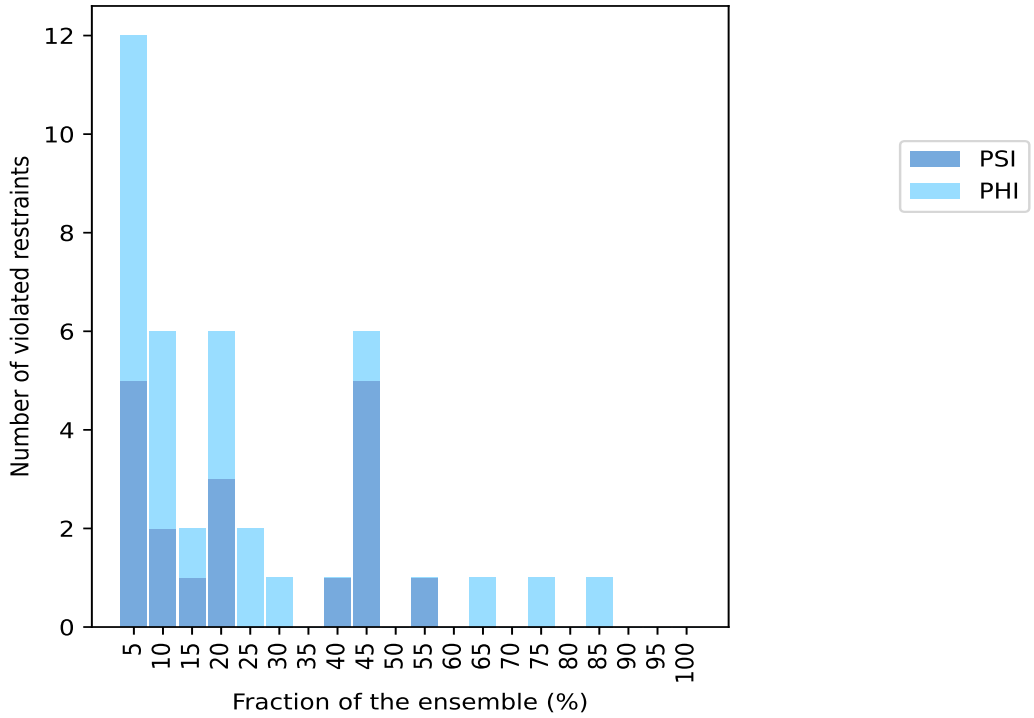
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Number of violated restraints			Fraction of the ensemble	
PSI	PHI	Total	Count[1]	%
0	0	0	12	60.0
0	1	1	13	65.0
0	0	0	14	70.0
0	1	1	15	75.0
0	0	0	16	80.0
0	1	1	17	85.0
0	0	0	18	90.0
0	0	0	19	95.0
0	0	0	20	100.0

[1] Number of models with violations

10.3.1 Bar graph : Dihedral-angle Violation statistics for the ensemble

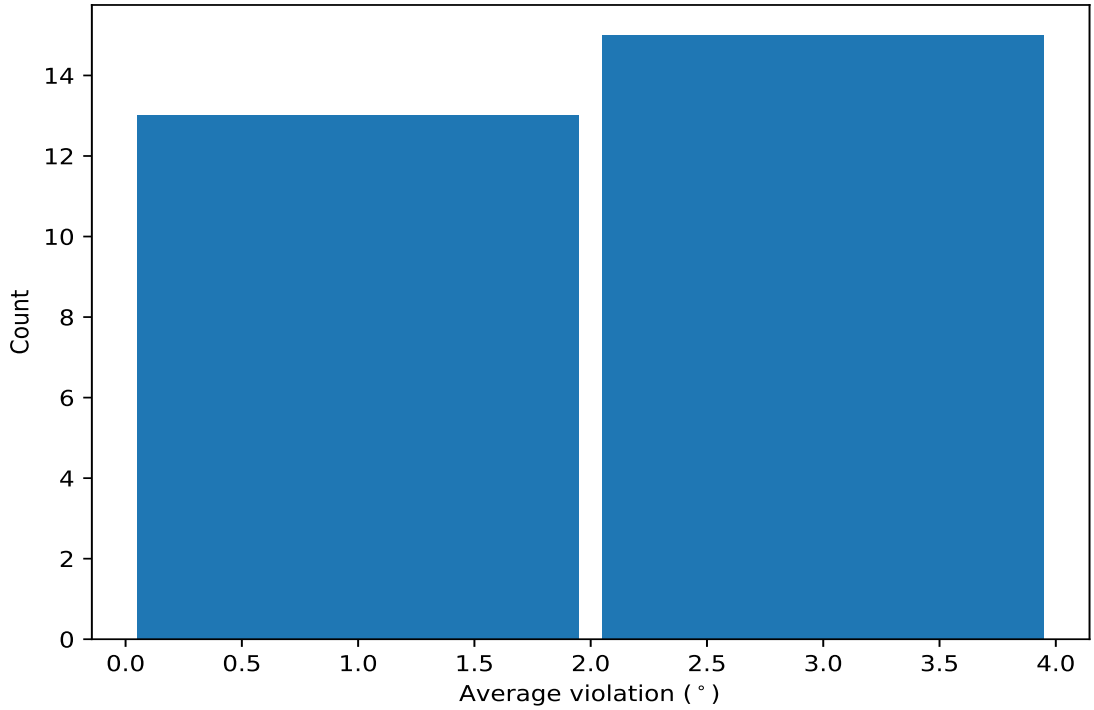


10.4 Most violated dihedral-angle restraints in the ensemble

10.4.1 Histogram : Distribution of mean dihedral-angle violations

The following histogram shows the distribution of the average value of the violation. The average is calculated for each restraint that is violated in more than one model over all the violated models

in the ensemble



10.4.2 Table: Most violated dihedral-angle restraints

The following table provides the mean and the standard deviation of the violation for each restraint sorted by number of violated models and the mean value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint.

Key	Atom-1	Atom-2	Atom-3	Atom-4	Models[1]	Mean	SD[2]	Median
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	17	3.91	1.42	3.79
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	15	2.64	0.88	2.77
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	13	3.53	1.59	3.51
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	11	1.88	0.82	1.63
(1,230)	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	1:844:A:LYS:N	9	3.3	1.31	3.37
(1,155)	1:886:A:LEU:N	1:886:A:LEU:CA	1:886:A:LEU:C	1:887:A:THR:N	9	2.46	0.97	2.14
(1,143)	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	1:881:A:ARG:N	9	2.29	1.06	1.95
(1,165)	1:892:A:GLY:N	1:892:A:GLY:CA	1:892:A:GLY:C	1:893:A:GLN:N	9	1.94	0.6	2.02
(1,214)	1:918:A:GLN:N	1:918:A:GLN:CA	1:918:A:GLN:C	1:919:A:ALA:N	9	1.8	0.66	1.46
(1,72)	1:835:A:LYS:C	1:836:A:ASP:N	1:836:A:ASP:CA	1:836:A:ASP:C	9	1.61	0.53	1.53
(1,114)	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	1:865:A:ASP:N	8	2.77	0.86	2.63
(1,142)	1:879:A:ALA:C	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	6	2.34	0.64	2.05
(1,1)	1:797:A:LYS:C	1:798:A:LEU:N	1:798:A:LEU:CA	1:798:A:LEU:C	5	3.67	1.14	4.17
(1,41)	1:818:A:THR:C	1:819:A:ARG:N	1:819:A:ARG:CA	1:819:A:ARG:C	5	2.38	1.03	2.53
(1,113)	1:863:A:GLU:C	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	4	2.32	0.55	2.08
(1,217)	1:919:A:ALA:C	1:920:A:LEU:N	1:920:A:LEU:CA	1:920:A:LEU:C	4	2.17	0.58	2.28
(1,111)	1:862:A:ILE:C	1:863:A:GLU:N	1:863:A:GLU:CA	1:863:A:GLU:C	4	1.59	0.49	1.53
(1,112)	1:863:A:GLU:N	1:863:A:GLU:CA	1:863:A:GLU:C	1:864:A:LYS:N	4	1.54	0.42	1.4
(1,104)	1:857:A:LEU:N	1:857:A:LEU:CA	1:857:A:LEU:C	1:858:A:LYS:N	4	1.51	0.27	1.52
(1,106)	1:860:A:ASN:N	1:860:A:ASN:CA	1:860:A:ASN:C	1:861:A:LEU:N	4	1.12	0.07	1.12

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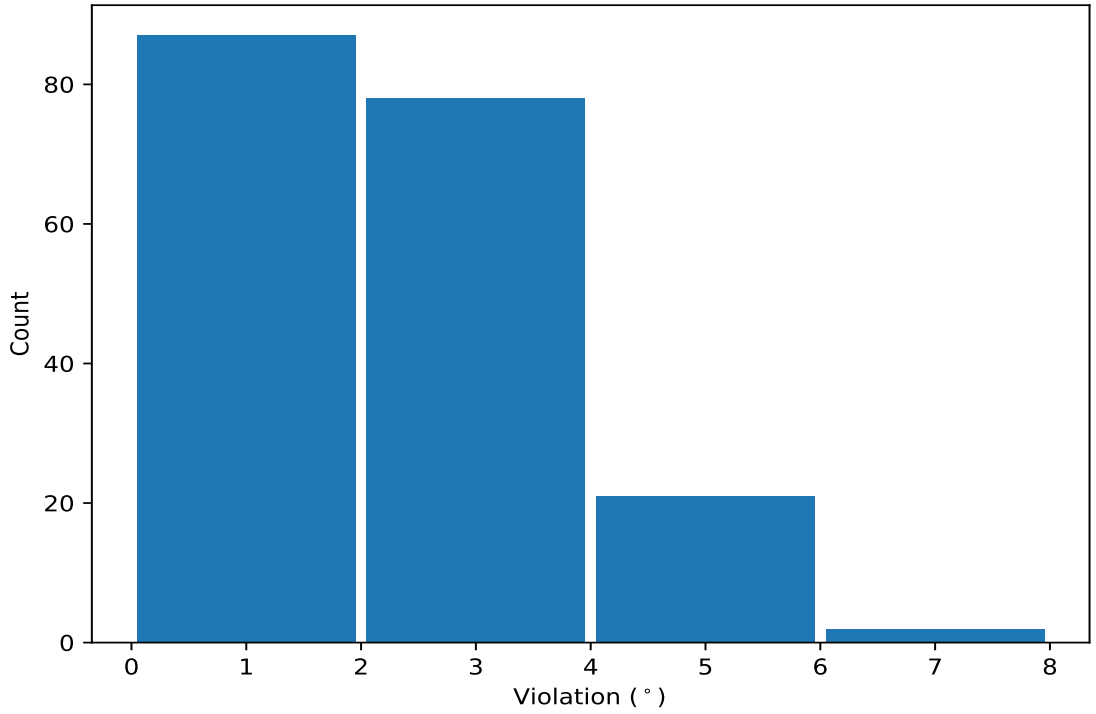
Key	Atom-1	Atom-2	Atom-3	Atom-4	Models[1]	Mean	SD[2]	Median
(1,64)	1:831:A:ILE:N	1:831:A:ILE:CA	1:831:A:ILE:C	1:832:A:THR:N	3	1.84	0.37	2.09
(1,6)	1:800:A:ILE:C	1:801:A:ALA:N	1:801:A:ALA:CA	1:801:A:ALA:C	3	1.45	0.47	1.18
(1,116)	1:865:A:ASP:N	1:865:A:ASP:CA	1:865:A:ASP:C	1:866:A:PRO:N	2	3.35	0.83	3.35
(1,151)	1:884:A:MET:N	1:884:A:MET:CA	1:884:A:MET:C	1:885:A:MET:N	2	3.2	0.31	3.2
(1,4)	1:799:A:PRO:C	1:800:A:ILE:N	1:800:A:ILE:CA	1:800:A:ILE:C	2	2.83	0.36	2.83
(1,203)	1:912:A:PHE:C	1:913:A:THR:N	1:913:A:THR:CA	1:913:A:THR:C	2	1.96	0.94	1.96
(1,186)	1:902:A:GLU:C	1:903:A:ASP:N	1:903:A:ASP:CA	1:903:A:ASP:C	2	1.46	0.19	1.46
(1,47)	1:822:A:LYS:C	1:823:A:GLU:N	1:823:A:GLU:CA	1:823:A:GLU:C	2	1.36	0.01	1.36

[1] Number of violated models, [2]Standard deviation, All angle values are in degree (°)

10.5 All violated dihedral-angle restraints

10.5.1 Histogram : Distribution of violations

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



10.5.2 Table: All violated dihedral-angle restraints

The following table lists the absolute value of the violation for each restraint in the ensemble sorted by its value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint.

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	13	7.1
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	17	6.4
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	11	5.61
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	9	5.41
(1,230)	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	1:844:A:LYS:N	6	5.36
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	2	5.36
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	9	5.29
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	1	5.26
(1,230)	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	1:844:A:LYS:N	9	5.12
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	8	5.09
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	8	4.67
(1,1)	1:797:A:LYS:C	1:798:A:LEU:N	1:798:A:LEU:CA	1:798:A:LEU:C	17	4.64
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	11	4.51
(1,1)	1:797:A:LYS:C	1:798:A:LEU:N	1:798:A:LEU:CA	1:798:A:LEU:C	2	4.5
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	4	4.47
(1,155)	1:886:A:LEU:N	1:886:A:LEU:CA	1:886:A:LEU:C	1:887:A:THR:N	2	4.46
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	16	4.25
(1,116)	1:865:A:ASP:N	1:865:A:ASP:CA	1:865:A:ASP:C	1:866:A:PRO:N	11	4.18
(1,1)	1:797:A:LYS:C	1:798:A:LEU:N	1:798:A:LEU:CA	1:798:A:LEU:C	18	4.17
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	18	4.15
(1,143)	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	1:881:A:ARG:N	13	4.13
(1,114)	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	1:865:A:ASP:N	2	4.13
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	5	4.11
(1,41)	1:818:A:THR:C	1:819:A:ARG:N	1:819:A:ARG:CA	1:819:A:ARG:C	3	3.96
(1,230)	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	1:844:A:LYS:N	8	3.93
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	13	3.86
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	5	3.79
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	20	3.75
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	8	3.75
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	15	3.66
(1,114)	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	1:865:A:ASP:N	18	3.61
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	20	3.56
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	4	3.55
(1,143)	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	1:881:A:ARG:N	18	3.55
(1,151)	1:884:A:MET:N	1:884:A:MET:CA	1:884:A:MET:C	1:885:A:MET:N	6	3.52
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	13	3.51
(1,1)	1:797:A:LYS:C	1:798:A:LEU:N	1:798:A:LEU:CA	1:798:A:LEU:C	5	3.51
(1,143)	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	1:881:A:ARG:N	10	3.49
(1,114)	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	1:865:A:ASP:N	17	3.46
(1,230)	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	1:844:A:LYS:N	20	3.45
(1,155)	1:886:A:LEU:N	1:886:A:LEU:CA	1:886:A:LEU:C	1:887:A:THR:N	10	3.42
(1,230)	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	1:844:A:LYS:N	14	3.37
(1,142)	1:879:A:ALA:C	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	18	3.36
(1,155)	1:886:A:LEU:N	1:886:A:LEU:CA	1:886:A:LEU:C	1:887:A:THR:N	16	3.28
(1,230)	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	1:844:A:LYS:N	1	3.26
(1,113)	1:863:A:GLU:C	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	7	3.24
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	14	3.23
(1,4)	1:799:A:PRO:C	1:800:A:ILE:N	1:800:A:ILE:CA	1:800:A:ILE:C	2	3.19
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	12	3.17
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	12	3.05
(1,142)	1:879:A:ALA:C	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	20	3.04
(1,214)	1:918:A:GLN:N	1:918:A:GLN:CA	1:918:A:GLN:C	1:919:A:ALA:N	15	3.03

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Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	6	2.99
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	19	2.99
(1,165)	1:892:A:GLY:N	1:892:A:GLY:CA	1:892:A:GLY:C	1:893:A:GLN:N	17	2.98
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	16	2.97
(1,41)	1:818:A:THR:C	1:819:A:ARG:N	1:819:A:ARG:CA	1:819:A:ARG:C	7	2.91
(1,203)	1:912:A:PHE:C	1:913:A:THR:N	1:913:A:THR:CA	1:913:A:THR:C	3	2.9
(1,151)	1:884:A:MET:N	1:884:A:MET:CA	1:884:A:MET:C	1:885:A:MET:N	16	2.89
(1,72)	1:835:A:LYS:C	1:836:A:ASP:N	1:836:A:ASP:CA	1:836:A:ASP:C	19	2.83
(1,217)	1:919:A:ALA:C	1:920:A:LEU:N	1:920:A:LEU:CA	1:920:A:LEU:C	17	2.82
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	1	2.79
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	18	2.77
(1,114)	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	1:865:A:ASP:N	5	2.77
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	1	2.7
(1,165)	1:892:A:GLY:N	1:892:A:GLY:CA	1:892:A:GLY:C	1:893:A:GLN:N	13	2.61
(1,217)	1:919:A:ALA:C	1:920:A:LEU:N	1:920:A:LEU:CA	1:920:A:LEU:C	9	2.56
(1,214)	1:918:A:GLN:N	1:918:A:GLN:CA	1:918:A:GLN:C	1:919:A:ALA:N	18	2.54
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	12	2.53
(1,41)	1:818:A:THR:C	1:819:A:ARG:N	1:819:A:ARG:CA	1:819:A:ARG:C	2	2.53
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	7	2.52
(1,116)	1:865:A:ASP:N	1:865:A:ASP:CA	1:865:A:ASP:C	1:866:A:PRO:N	1	2.52
(1,114)	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	1:865:A:ASP:N	6	2.49
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	3	2.47
(1,4)	1:799:A:PRO:C	1:800:A:ILE:N	1:800:A:ILE:CA	1:800:A:ILE:C	13	2.47
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	10	2.43
(1,214)	1:918:A:GLN:N	1:918:A:GLN:CA	1:918:A:GLN:C	1:919:A:ALA:N	5	2.42
(1,165)	1:892:A:GLY:N	1:892:A:GLY:CA	1:892:A:GLY:C	1:893:A:GLN:N	9	2.4
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	19	2.35
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	6	2.31
(1,111)	1:862:A:ILE:C	1:863:A:GLU:N	1:863:A:GLU:CA	1:863:A:GLU:C	1	2.27
(1,155)	1:886:A:LEU:N	1:886:A:LEU:CA	1:886:A:LEU:C	1:887:A:THR:N	4	2.24
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	2	2.22
(1,112)	1:863:A:GLU:N	1:863:A:GLU:CA	1:863:A:GLU:C	1:864:A:LYS:N	7	2.2
(1,113)	1:863:A:GLU:C	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	3	2.19
(1,228)	1:925:A:GLU:N	1:925:A:GLU:CA	1:925:A:GLU:C	1:926:A:LEU:N	19	2.18
(1,114)	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	1:865:A:ASP:N	9	2.17
(1,114)	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	1:865:A:ASP:N	1	2.16
(1,155)	1:886:A:LEU:N	1:886:A:LEU:CA	1:886:A:LEU:C	1:887:A:THR:N	11	2.14
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	19	2.13
(1,142)	1:879:A:ALA:C	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	19	2.11
(1,64)	1:831:A:ILE:N	1:831:A:ILE:CA	1:831:A:ILE:C	1:832:A:THR:N	6	2.11
(1,6)	1:800:A:ILE:C	1:801:A:ALA:N	1:801:A:ALA:CA	1:801:A:ALA:C	7	2.11
(1,64)	1:831:A:ILE:N	1:831:A:ILE:CA	1:831:A:ILE:C	1:832:A:THR:N	16	2.09
(1,72)	1:835:A:LYS:C	1:836:A:ASP:N	1:836:A:ASP:CA	1:836:A:ASP:C	16	2.07
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	6	2.04
(1,165)	1:892:A:GLY:N	1:892:A:GLY:CA	1:892:A:GLY:C	1:893:A:GLN:N	6	2.02
(1,165)	1:892:A:GLY:N	1:892:A:GLY:CA	1:892:A:GLY:C	1:893:A:GLN:N	16	2.02
(1,217)	1:919:A:ALA:C	1:920:A:LEU:N	1:920:A:LEU:CA	1:920:A:LEU:C	8	2.0
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	12	2.0
(1,142)	1:879:A:ALA:C	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	8	2.0
(1,197)	1:909:A:ASN:C	1:910:A:ASN:N	1:910:A:ASN:CA	1:910:A:ASN:C	3	1.99
(1,149)	1:883:A:LYS:N	1:883:A:LYS:CA	1:883:A:LYS:C	1:884:A:MET:N	7	1.97

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Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	8	1.97
(1,143)	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	1:881:A:ARG:N	16	1.97
(1,142)	1:879:A:ALA:C	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	4	1.97
(1,113)	1:863:A:GLU:C	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	9	1.97
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	16	1.95
(1,143)	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	1:881:A:ARG:N	19	1.95
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	11	1.9
(1,113)	1:863:A:GLU:C	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	19	1.87
(1,155)	1:886:A:LEU:N	1:886:A:LEU:CA	1:886:A:LEU:C	1:887:A:THR:N	8	1.85
(1,104)	1:857:A:LEU:N	1:857:A:LEU:CA	1:857:A:LEU:C	1:858:A:LYS:N	11	1.85
(1,155)	1:886:A:LEU:N	1:886:A:LEU:CA	1:886:A:LEU:C	1:887:A:THR:N	18	1.84
(1,111)	1:862:A:ILE:C	1:863:A:GLU:N	1:863:A:GLU:CA	1:863:A:GLU:C	4	1.83
(1,230)	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	1:844:A:LYS:N	17	1.81
(1,214)	1:918:A:GLN:N	1:918:A:GLN:CA	1:918:A:GLN:C	1:919:A:ALA:N	20	1.78
(1,115)	1:864:A:LYS:C	1:865:A:ASP:N	1:865:A:ASP:CA	1:865:A:ASP:C	17	1.77
(1,166)	1:892:A:GLY:C	1:893:A:GLN:N	1:893:A:GLN:CA	1:893:A:GLN:C	10	1.72
(1,72)	1:835:A:LYS:C	1:836:A:ASP:N	1:836:A:ASP:CA	1:836:A:ASP:C	2	1.72
(1,230)	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	1:844:A:LYS:N	10	1.71
(1,104)	1:857:A:LEU:N	1:857:A:LEU:CA	1:857:A:LEU:C	1:858:A:LYS:N	18	1.69
(1,230)	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	1:844:A:LYS:N	16	1.67
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	19	1.67
(1,186)	1:902:A:GLU:C	1:903:A:ASP:N	1:903:A:ASP:CA	1:903:A:ASP:C	16	1.65
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	9	1.63
(1,192)	1:905:A:SER:C	1:906:A:ASP:N	1:906:A:ASP:CA	1:906:A:ASP:C	3	1.61
(1,143)	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	1:881:A:ARG:N	1	1.6
(1,112)	1:863:A:GLU:N	1:863:A:GLU:CA	1:863:A:GLU:C	1:864:A:LYS:N	4	1.59
(1,72)	1:835:A:LYS:C	1:836:A:ASP:N	1:836:A:ASP:CA	1:836:A:ASP:C	9	1.58
(1,160)	1:889:A:ILE:C	1:890:A:SER:N	1:890:A:SER:CA	1:890:A:SER:C	6	1.57
(1,142)	1:879:A:ALA:C	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	17	1.54
(1,62)	1:830:A:ALA:N	1:830:A:ALA:CA	1:830:A:ALA:C	1:831:A:ILE:N	9	1.54
(1,165)	1:892:A:GLY:N	1:892:A:GLY:CA	1:892:A:GLY:C	1:893:A:GLN:N	1	1.53
(1,72)	1:835:A:LYS:C	1:836:A:ASP:N	1:836:A:ASP:CA	1:836:A:ASP:C	12	1.53
(1,1)	1:797:A:LYS:C	1:798:A:LEU:N	1:798:A:LEU:CA	1:798:A:LEU:C	3	1.53
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	15	1.51
(1,165)	1:892:A:GLY:N	1:892:A:GLY:CA	1:892:A:GLY:C	1:893:A:GLN:N	12	1.49
(1,155)	1:886:A:LEU:N	1:886:A:LEU:CA	1:886:A:LEU:C	1:887:A:THR:N	19	1.48
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	10	1.47
(1,155)	1:886:A:LEU:N	1:886:A:LEU:CA	1:886:A:LEU:C	1:887:A:THR:N	13	1.47
(1,214)	1:918:A:GLN:N	1:918:A:GLN:CA	1:918:A:GLN:C	1:919:A:ALA:N	6	1.46
(1,143)	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	1:881:A:ARG:N	3	1.44
(1,72)	1:835:A:LYS:C	1:836:A:ASP:N	1:836:A:ASP:CA	1:836:A:ASP:C	6	1.42
(1,104)	1:857:A:LEU:N	1:857:A:LEU:CA	1:857:A:LEU:C	1:858:A:LYS:N	5	1.36
(1,47)	1:822:A:LYS:C	1:823:A:GLU:N	1:823:A:GLU:CA	1:823:A:GLU:C	12	1.36
(1,41)	1:818:A:THR:C	1:819:A:ARG:N	1:819:A:ARG:CA	1:819:A:ARG:C	4	1.36
(1,114)	1:864:A:LYS:N	1:864:A:LYS:CA	1:864:A:LYS:C	1:865:A:ASP:N	15	1.35
(1,47)	1:822:A:LYS:C	1:823:A:GLU:N	1:823:A:GLU:CA	1:823:A:GLU:C	2	1.35
(1,214)	1:918:A:GLN:N	1:918:A:GLN:CA	1:918:A:GLN:C	1:919:A:ALA:N	2	1.34
(1,193)	1:906:A:ASP:N	1:906:A:ASP:CA	1:906:A:ASP:C	1:907:A:THR:N	15	1.33
(1,165)	1:892:A:GLY:N	1:892:A:GLY:CA	1:892:A:GLY:C	1:893:A:GLN:N	5	1.33
(1,214)	1:918:A:GLN:N	1:918:A:GLN:CA	1:918:A:GLN:C	1:919:A:ALA:N	1	1.32
(1,64)	1:831:A:ILE:N	1:831:A:ILE:CA	1:831:A:ILE:C	1:832:A:THR:N	19	1.32

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Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,217)	1:919:A:ALA:C	1:920:A:LEU:N	1:920:A:LEU:CA	1:920:A:LEU:C	13	1.31
(1,186)	1:902:A:GLU:C	1:903:A:ASP:N	1:903:A:ASP:CA	1:903:A:ASP:C	13	1.27
(1,143)	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	1:881:A:ARG:N	11	1.24
(1,72)	1:835:A:LYS:C	1:836:A:ASP:N	1:836:A:ASP:CA	1:836:A:ASP:C	11	1.24
(1,220)	1:921:A:LYS:N	1:921:A:LYS:CA	1:921:A:LYS:C	1:922:A:ARG:N	15	1.23
(1,143)	1:880:A:GLU:N	1:880:A:GLU:CA	1:880:A:GLU:C	1:881:A:ARG:N	5	1.23
(1,111)	1:862:A:ILE:C	1:863:A:GLU:N	1:863:A:GLU:CA	1:863:A:GLU:C	11	1.23
(1,229)	1:842:A:SER:C	1:843:A:ASN:N	1:843:A:ASN:CA	1:843:A:ASN:C	5	1.21
(1,112)	1:863:A:GLU:N	1:863:A:GLU:CA	1:863:A:GLU:C	1:864:A:LYS:N	3	1.21
(1,106)	1:860:A:ASN:N	1:860:A:ASN:CA	1:860:A:ASN:C	1:861:A:LEU:N	11	1.21
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	16	1.18
(1,6)	1:800:A:ILE:C	1:801:A:ALA:N	1:801:A:ALA:CA	1:801:A:ALA:C	4	1.18
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	10	1.17
(1,106)	1:860:A:ASN:N	1:860:A:ASN:CA	1:860:A:ASN:C	1:861:A:LEU:N	1	1.17
(1,112)	1:863:A:GLU:N	1:863:A:GLU:CA	1:863:A:GLU:C	1:864:A:LYS:N	11	1.16
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	7	1.16
(1,41)	1:818:A:THR:C	1:819:A:ARG:N	1:819:A:ARG:CA	1:819:A:ARG:C	6	1.16
(1,104)	1:857:A:LEU:N	1:857:A:LEU:CA	1:857:A:LEU:C	1:858:A:LYS:N	8	1.15
(1,214)	1:918:A:GLN:N	1:918:A:GLN:CA	1:918:A:GLN:C	1:919:A:ALA:N	12	1.14
(1,146)	1:881:A:ARG:C	1:882:A:PHE:N	1:882:A:PHE:CA	1:882:A:PHE:C	17	1.14
(1,214)	1:918:A:GLN:N	1:918:A:GLN:CA	1:918:A:GLN:C	1:919:A:ALA:N	16	1.13
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	2	1.13
(1,165)	1:892:A:GLY:N	1:892:A:GLY:CA	1:892:A:GLY:C	1:893:A:GLN:N	2	1.1
(1,106)	1:860:A:ASN:N	1:860:A:ASN:CA	1:860:A:ASN:C	1:861:A:LEU:N	4	1.07
(1,72)	1:835:A:LYS:C	1:836:A:ASP:N	1:836:A:ASP:CA	1:836:A:ASP:C	13	1.07
(1,6)	1:800:A:ILE:C	1:801:A:ALA:N	1:801:A:ALA:CA	1:801:A:ALA:C	15	1.07
(1,199)	1:910:A:ASN:C	1:911:A:HIS:N	1:911:A:HIS:CA	1:911:A:HIS:C	14	1.04
(1,106)	1:860:A:ASN:N	1:860:A:ASN:CA	1:860:A:ASN:C	1:861:A:LEU:N	2	1.04
(1,82)	1:841:A:LEU:N	1:841:A:LEU:CA	1:841:A:LEU:C	1:842:A:SER:N	20	1.04
(1,72)	1:835:A:LYS:C	1:836:A:ASP:N	1:836:A:ASP:CA	1:836:A:ASP:C	20	1.04
(1,45)	1:821:A:ASP:C	1:822:A:LYS:N	1:822:A:LYS:CA	1:822:A:LYS:C	5	1.03
(1,111)	1:862:A:ILE:C	1:863:A:GLU:N	1:863:A:GLU:CA	1:863:A:GLU:C	14	1.02
(1,203)	1:912:A:PHE:C	1:913:A:THR:N	1:913:A:THR:CA	1:913:A:THR:C	4	1.01
(1,156)	1:886:A:LEU:C	1:887:A:THR:N	1:887:A:THR:CA	1:887:A:THR:C	1	1.01