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wwPDB NMR Structure Validation Summary Report (i)

Jun 3, 2023 – 08:57 PM EDT

PDB ID	:	2MZW
BMRB ID	:	25504
Title	:	Staphylococcus aureus FusB:EF-GC3 complex
Authors	:	Tomlinson, J.H.; Thompson, G.S.; Kalverda, A.P.; Zhuravleva, A.; O'Neill, A.
Deposited on	:	2015-02-25

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

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

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

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

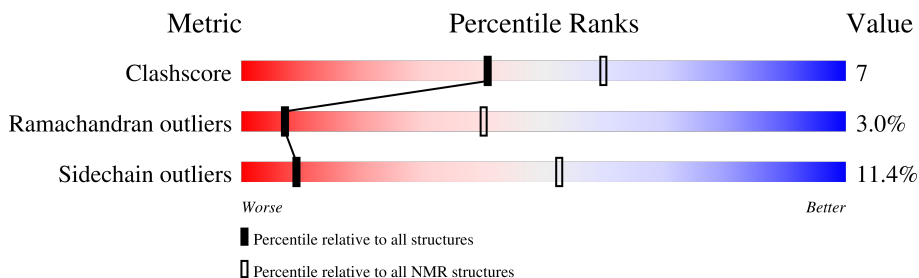|		
MolProbity	:	4.02b-467
Percentile statistics	:	20191225.v01 (using entries in the PDB archive December 25th 2019)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	v1.2
BMRB Restraints Analysis	:	v1.2
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.33

1 Overall quality at a glance ⓘ

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

The overall completeness of chemical shifts assignment is 12%.

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

Metric	Percentile Ranks	Value
Clashscore		7
Ramachandran outliers		3.0%
Sidechain outliers		11.4%

Worse — *Better*

▌ Percentile relative to all structures
▯ Percentile relative to all NMR structures

Metric	Whole archive (#Entries)	NMR archive (#Entries)
Clashscore	158937	12864
Ramachandran outliers	154571	11451
Sidechain outliers	154315	11428

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

Mol	Chain	Length	Quality of chain
1	A	301	66% 26% · · ·
2	B	233	76% 14% · 9%

2 Ensemble composition and analysis ⓘ

This entry contains 1 models. Identification of well-defined residues and clustering analysis are not possible.

3 Entry composition (i)

There are 3 unique types of molecules in this entry. The entry contains 8050 atoms, of which 4018 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Elongation factor G.

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
1	A	292	4471	1417	2214	378	445	17	0

There are 9 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	693	GLU	-	expression tag	UNP W8UT26
A	694	LEU	-	expression tag	UNP W8UT26
A	695	GLU	-	expression tag	UNP W8UT26
A	696	HIS	-	expression tag	UNP W8UT26
A	697	HIS	-	expression tag	UNP W8UT26
A	698	HIS	-	expression tag	UNP W8UT26
A	699	HIS	-	expression tag	UNP W8UT26
A	700	HIS	-	expression tag	UNP W8UT26
A	701	HIS	-	expression tag	UNP W8UT26

- Molecule 2 is a protein called Far1.

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
2	B	213	3578	1143	1804	291	332	8	0

There are 20 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
B	-19	MET	-	expression tag	UNP Q8GNY5
B	-18	GLY	-	expression tag	UNP Q8GNY5
B	-17	SER	-	expression tag	UNP Q8GNY5
B	-16	SER	-	expression tag	UNP Q8GNY5
B	-15	HIS	-	expression tag	UNP Q8GNY5
B	-14	HIS	-	expression tag	UNP Q8GNY5
B	-13	HIS	-	expression tag	UNP Q8GNY5
B	-12	HIS	-	expression tag	UNP Q8GNY5
B	-11	HIS	-	expression tag	UNP Q8GNY5
B	-10	HIS	-	expression tag	UNP Q8GNY5
B	-9	SER	-	expression tag	UNP Q8GNY5

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Chain	Residue	Modelled	Actual	Comment	Reference
B	-8	SER	-	expression tag	UNP Q8GNY5
B	-7	GLY	-	expression tag	UNP Q8GNY5
B	-6	LEU	-	expression tag	UNP Q8GNY5
B	-5	VAL	-	expression tag	UNP Q8GNY5
B	-4	PRO	-	expression tag	UNP Q8GNY5
B	-3	ASN	-	expression tag	UNP Q8GNY5
B	-2	GLY	-	expression tag	UNP Q8GNY5
B	-1	SER	-	expression tag	UNP Q8GNY5
B	0	HIS	-	expression tag	UNP Q8GNY5

- Molecule 3 is ZINC ION (three-letter code: ZN) (formula: Zn).

| Mol	Chain	Residues	Atoms	
			Total	Zn
3	B	1	1	1

4   Residue-property plots ⓘ

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

• Molecule 1: Elongation factor G

Chain A:

• Molecule 2: Far1

Chain B:
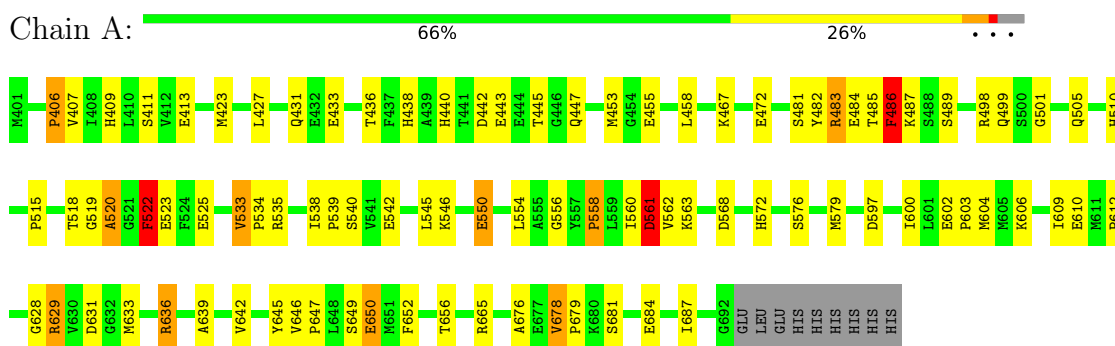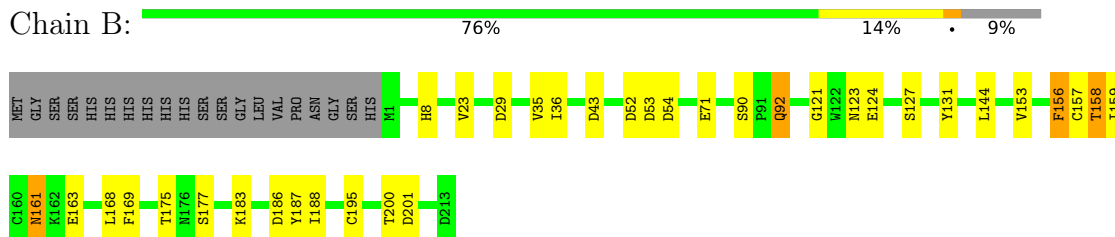
5 Refinement protocol and experimental data overview ⓘ

The models were refined using the following method: *simulated annealing.*

Of the 200 calculated structures, 1 were deposited, based on the following criterion: *structures with the lowest energy.*

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

Software name	Classification	Version
X-PLOR NIH	structure solution	2.33.0
X-PLOR NIH	refinement	2.33.0
HADDOCK	structure solution	2.1
HADDOCK	refinement	2.1

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

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	2
Total number of shifts	812
Number of shifts mapped to atoms	808
Number of unparsed shifts	0
Number of shifts with mapping errors	4
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	12%

6 Model quality ⓘ

6.1 Standard geometry ⓘ

Bond lengths and bond angles in the following residue types are not validated in this section: ZN

There are no covalent bond-length or bond-angle outliers.

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts ⓘ

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

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	2257	2214	2204	51
2	B	1774	1804	1805	21
3	B	1	0	0	2
All	All	4032	4018	4009	60

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 7.

5 of 60 clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)
2:B:169:PHE:HB2	2:B:188:ILE:HG12	0.90	1.40
1:A:525:GLU:HG2	2:B:183:LYS:HB2	0.82	1.49
1:A:525:GLU:HA	2:B:183:LYS:HD3	0.73	1.58
2:B:195:CYS:SG	3:B:301:ZN:ZN	0.72	1.77
1:A:533:VAL:HB	1:A:534:PRO:HD3	0.70	1.63

6.3   Torsion angles ⓘ

6.3.1   Protein backbone ⓘ

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

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	A	290/301 (96%)	232 (80%)	44 (15%)	14 (5%)	4	26
2	B	211/233 (91%)	199 (94%)	11 (5%)	1 (0%)	32	76
All	All	501/534 (94%)	431 (86%)	55 (11%)	15 (3%)	7	40

5 of 15 Ramachandran outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type
1	A	406	PRO
1	A	442	ASP
1	A	483	ARG
1	A	486	PHE
1	A	501	GLY

6.3.2   Protein sidechains ⓘ

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

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
1	A	243/252 (96%)	210 (86%)	33 (14%)	7	47
2	B	204/221 (92%)	186 (91%)	18 (9%)	13	60
All	All	447/473 (95%)	396 (89%)	51 (11%)	9	52

5 of 51 residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type
1	A	409	HIS
1	A	411	SER

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Mol	Chain	Res	Type
1	A	431	GLN
1	A	433	GLU
1	A	436	THR

6.3.3 RNA ⓘ

There are no RNA molecules in this entry.

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

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

6.5 Carbohydrates ⓘ

There are no monosaccharides in this entry.

6.6 Ligand geometry ⓘ

Of 1 ligands modelled in this entry, 1 is monoatomic - leaving 0 for Mogul analysis.

6.7 Other polymers ⓘ

There are no such molecules in this entry.

6.8 Polymer linkage issues ⓘ

There are no chain breaks in this entry.

7 Chemical shift validation ⓘ

The completeness of assignment taking into account all chemical shift lists is 12% for the well-defined parts and 12% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *C3_ assigned_ chem_ shift_ list*

7.1.1 Bookkeeping ⓘ

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

Total number of shifts	560
Number of shifts mapped to atoms	560
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

7.1.2 Chemical shift referencing ⓘ

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_\alpha$	129	0.35 ± 0.12	None needed (< 0.5 ppm)
$^{13}C_\beta$	0	—	None (insufficient data)
$^{13}C'$	117	0.11 ± 0.15	None needed (< 0.5 ppm)
^{15}N	157	-0.33 ± 0.24	None needed (< 0.5 ppm)

7.1.3 Completeness of resonance assignments ⓘ

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 8%, i.e. 560 atoms were assigned a chemical shift out of a possible 6939. 0 out of 72 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	560/2519 (22%)	157/1024 (15%)	246/1010 (24%)	157/485 (32%)
Sidechain	0/3884 (0%)	0/2511 (0%)	0/1230 (0%)	0/143 (0%)

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	Total	^{1}H	^{13}C	^{15}N
Aromatic	0/536 (0%)	0/255 (0%)	0/260 (0%)	0/21 (0%)
Overall	560/6939 (8%)	157/3790 (4%)	246/2500 (10%)	157/649 (24%)

7.1.4 Statistically unusual chemical shifts (i)

There are no statistically unusual chemical shifts.

7.1.5 Random Coil Index (RCI) plots (i)

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

Random coil index (RCI) for chain A:
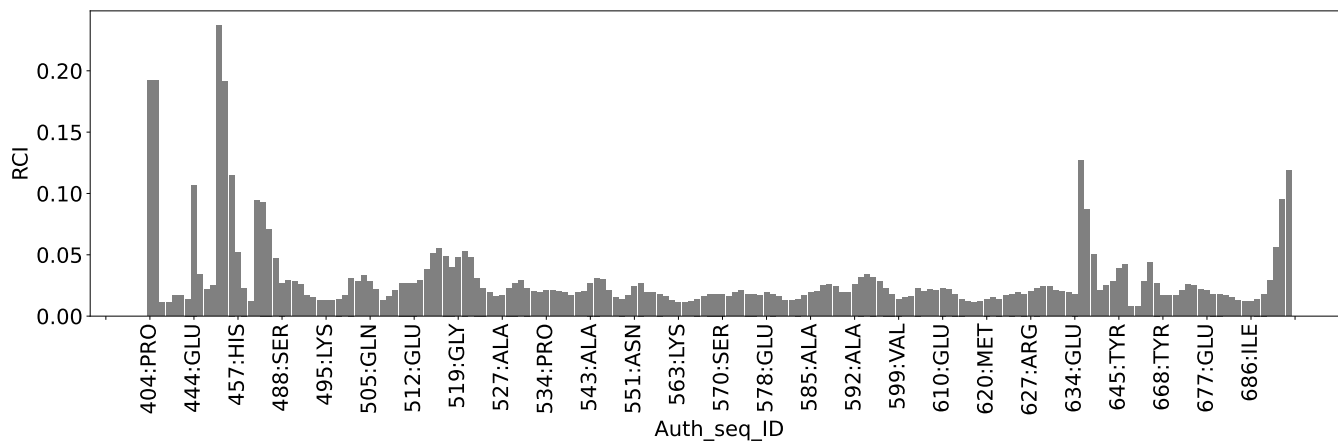
7.2 Chemical shift list 2

File name: working_cs.cif

Chemical shift list name: *C3_ assigned_ chem_ shift_ list_ dup*

7.2.1 Bookkeeping (i)

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

Total number of shifts	252
Number of shifts mapped to atoms	248
Number of unparsed shifts	0
Number of shifts with mapping errors	4
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

The following assigned chemical shifts were not mapped to the molecules present in the coordinate file.

- No matching atom found in the structure. All 4 occurrences are reported below.

List ID	Chain	Res	Type	Atom	Shift Data		
					Value	Uncertainty	Ambiguity
2	B	-5	VAL	H	8.008	.	1
2	B	-5	VAL	N	122.816	.	1
2	B	-6	LEU	H	7.973	.	1
2	B	-6	LEU	N	122.04	.	1

7.2.2 Chemical shift referencing ⓘ

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_\alpha$	0	—	None (insufficient data)
$^{13}C_\beta$	0	—	None (insufficient data)
$^{13}C'$	0	—	None (insufficient data)
^{15}N	126	-0.24 ± 0.34	None needed (< 0.5 ppm)

7.2.3 Completeness of resonance assignments ⓘ

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 4%, i.e. 248 atoms were assigned a chemical shift out of a possible 6939. 0 out of 72 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

|	Total	^{1}H	^{13}C	^{15}N
Backbone	248/2519 (10%)	124/1024 (12%)	0/1010 (0%)	124/485 (26%)
Sidechain	0/3884 (0%)	0/2511 (0%)	0/1230 (0%)	0/143 (0%)
Aromatic	0/536 (0%)	0/255 (0%)	0/260 (0%)	0/21 (0%)
Overall	248/6939 (4%)	124/3790 (3%)	0/2500 (0%)	124/649 (19%)

7.2.4 Statistically unusual chemical shifts (i)

There are no statistically unusual chemical shifts.

7.2.5 Random Coil Index (RCI) plots (i)

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

Random coil index (RCI) for chain B:
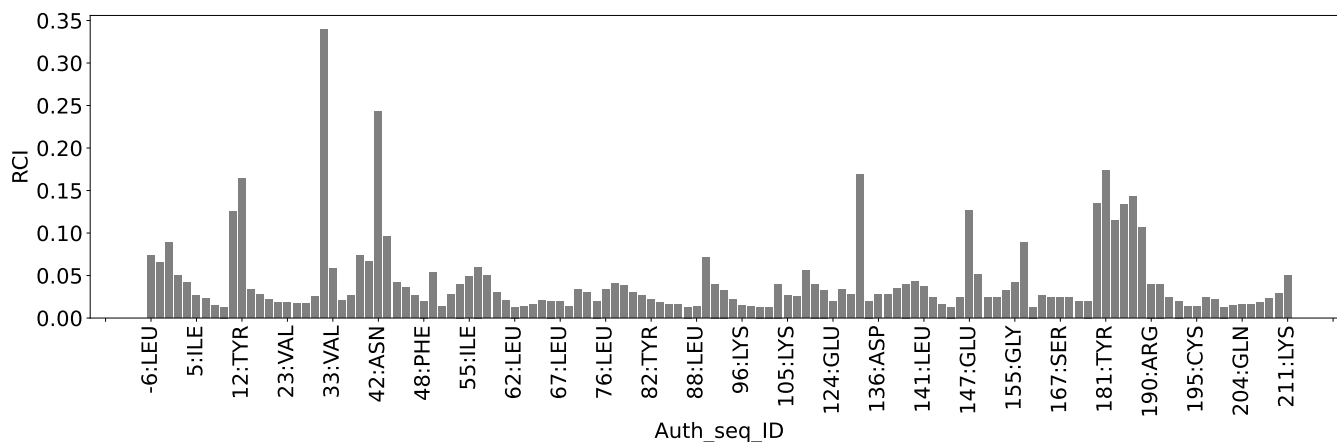
8　NMR restraints analysis ⓘ

8.1　Conformationally restricting restraints ⓘ

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

Description	Value
Total distance restraints	173
Intra-residue ($|i\text{-}j|$=0)	0
Sequential ($|i\text{-}j|$=1)	0
Medium range ($|i\text{-}j|$>1 and $|i\text{-}j|$<5)	0
Long range ($|i\text{-}j|$≥5)	0
Inter-chain	173
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	0.3
Number of long range restraints per residue[1]	0.0

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

8.2　Residual restraint violations ⓘ

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

8.2.1　Average number of distance violations per model ⓘ

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

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	3.0	0.2
0.2-0.5 (Medium)	2.0	0.31
>0.5 (Large)	17.0	4.25

8.2.2   Average number of dihedral-angle violations per model ⓘ

Dihedral-angle violations less than 1° are not included in the calculation.There are no dihedral-angle violations

9 Distance violation analysis ⓘ

9.1 Summary of distance violations ⓘ

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

Restraints type	Count	%[1]	Violated[3]			Consistently Violated[4]		
			Count	%[2]	%[1]	Count	%[2]	%[1]
Intra-residue (|i-j|=0)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sequential (|i-j|=1)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Medium range (|i-j|>1 & |i-j|<5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Long range (|i-j|≥5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Inter-chain	173	100.0	22	12.7	12.7	22	12.7	12.7
Backbone-Backbone	173	100.0	22	12.7	12.7	22	12.7	12.7
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	173	100.0	22	12.7	12.7	22	12.7	12.7
Backbone-Backbone	173	100.0	22	12.7	12.7	22	12.7	12.7
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0

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

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9.1.1 Bar chart : Distribution of distance restraints and violations ⓘ
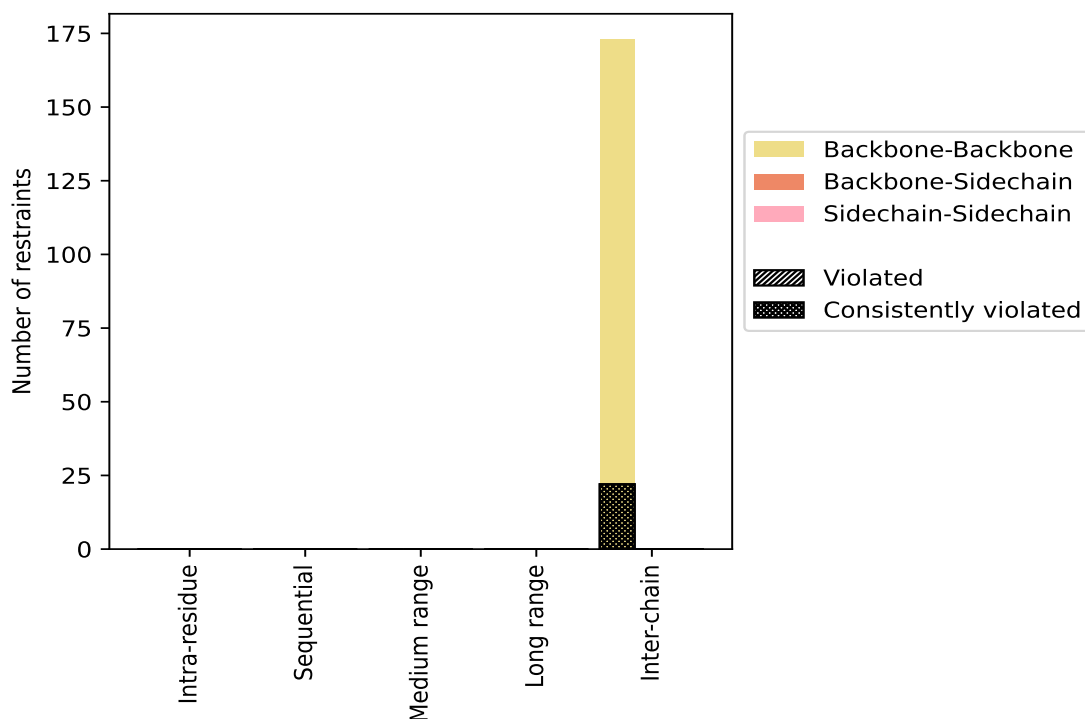
Violated and consistently violated restraints are shown using different hatch patterns in their respective categories. The hydrogen bonds and disulfied bonds are counted in their appropriate category on the x-axis

9.2 Distance violation statistics for each model ⓘ

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

Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
1	0	0	0	0	22	22	1.61	4.25	1.24	1.32

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

9.2.1　Bar graph : Distance Violation statistics for each model ⓘ
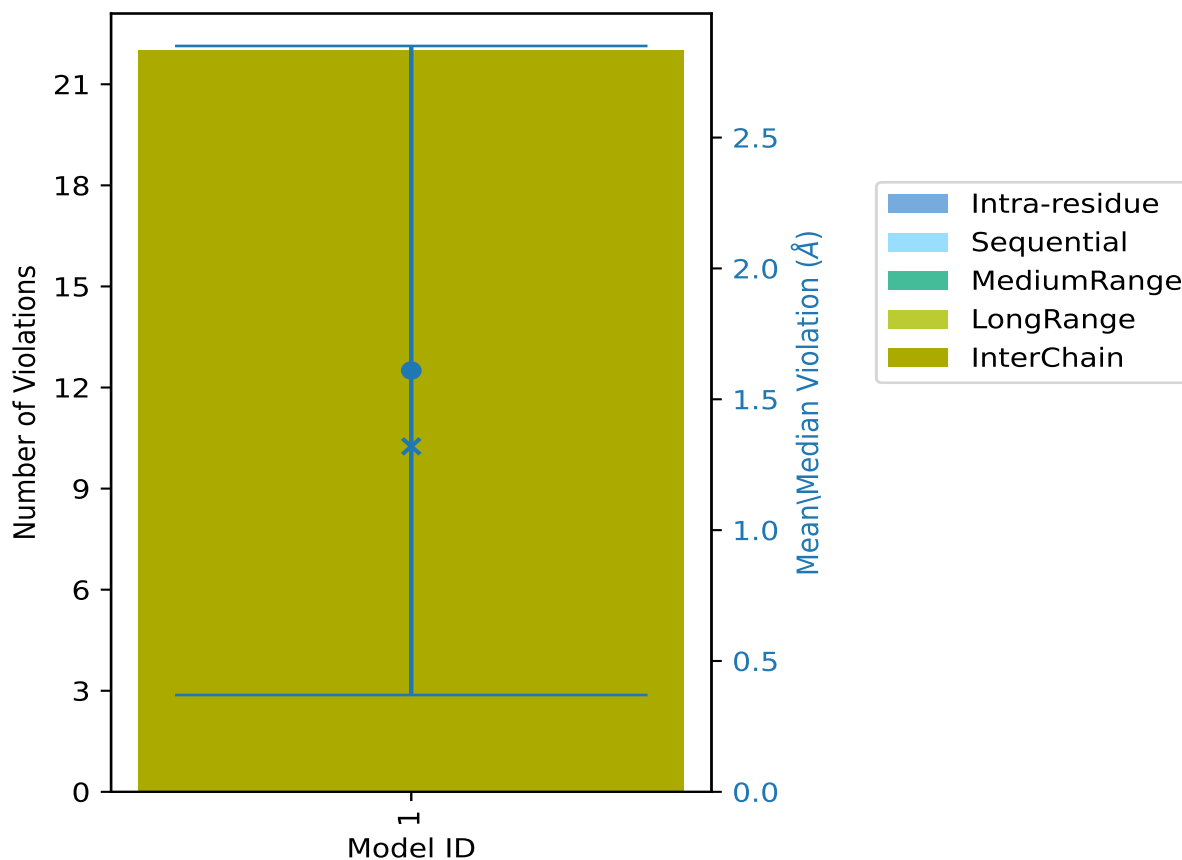
The mean(dot),median(x) and the standard deviation are shown in blue with respect to the y axis on the right

9.3　Distance violation statistics for the ensemble ⓘ

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 151(IR:0, SQ:0, MR:0, LR:0, IC:151) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total	Count[6]	%
0	0	0	0	22	22	1	100.0

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

9.3.1 Bar graph : Distance violation statistics for the ensemble ⓘ
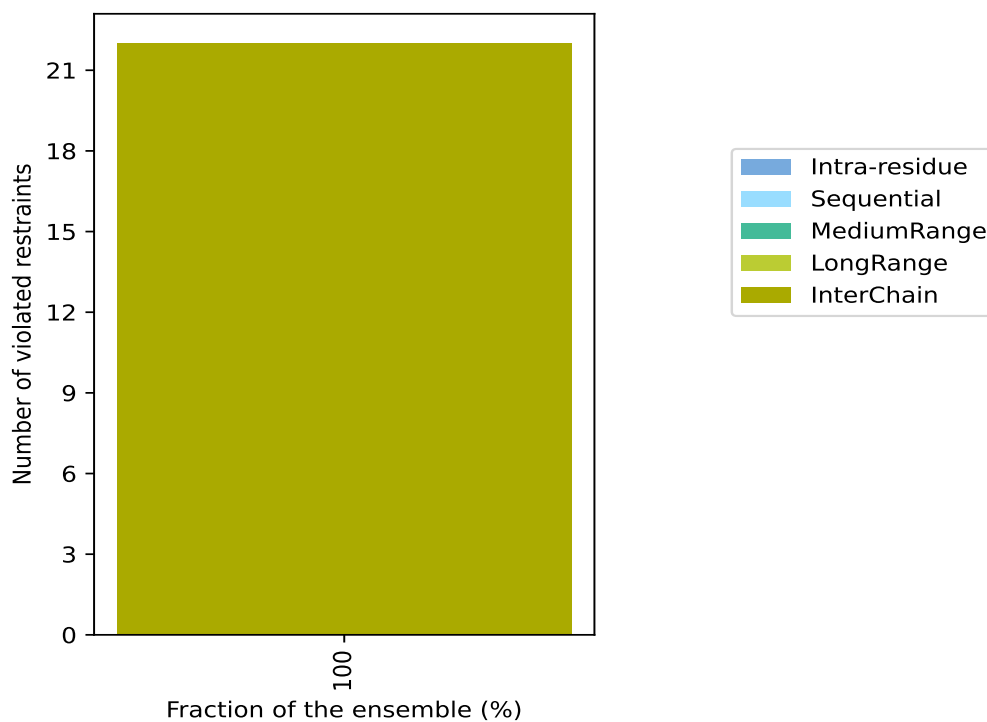
9.4 Most violated distance restraints in the ensemble ⓘ

No violations found

9.5 All violated distance restraints ⓘ

9.5.1 Histogram : Distribution of distance violations ⓘ

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.
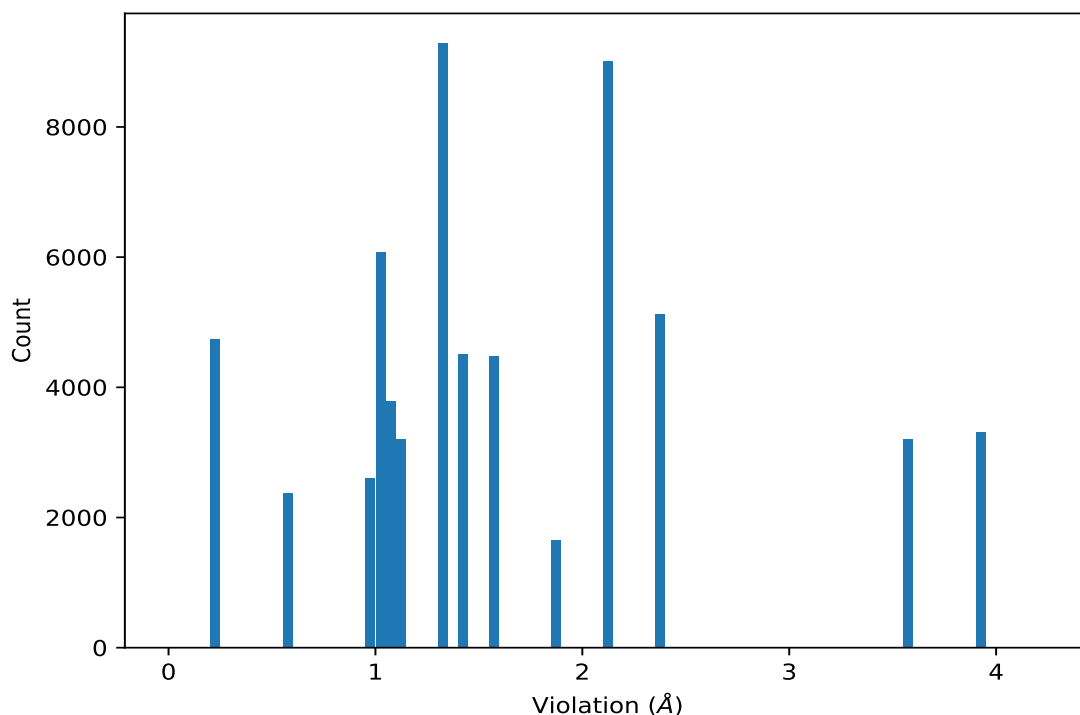
9.5.2　Table : All distance violations ⓘ

The following table provides the 10 worst performing restraints, sorted by the violation value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,12)	2:B:19:ARG:CA	1:A:615:TYR:H	1	4.25
(1,35)	2:B:200:THR:C	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:C	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:C	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:HA	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:C	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:C	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:C	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:C	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:HB3	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:C	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:C	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:524:PHE:O	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:C	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:C	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:C	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:C	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:C	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:CB	1	3.94

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wwPDB NMR Structure Validation Summary Report

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:C	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:C	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:C	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:561:ASP:O	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:C	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:C	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:C	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:C	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:C	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:C	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:HA	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:C	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:C	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:HB2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CA	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:HB2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CA	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:525:GLU:OE2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CA	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:CA	1:A:528:ILE:N	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CA	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HE2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:CA	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:CA	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:490:ALA:H	1	3.94

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wwPDB NMR Structure Validation Summary Report

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CB	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:C	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CB	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:CG	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CB	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:527:ALA:C	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CB	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:HG23	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CB	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:CB	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:564:ALA:HB1	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CB	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:CB	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:HG21	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CG2	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:HE1	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:CB	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:CG2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:C	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:HD11	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:CG2	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:H	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:HD22	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:H	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:H	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:H	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:H	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:HG3	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:H	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:H	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:H	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:CB	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:H	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:H	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:H	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:CA	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:H	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:H	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:HG3	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:H	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:H	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:H	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:H	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:490:ALA:HB2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HA	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:CD1	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HA	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:HA	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HA	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:527:ALA:H	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HA	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:561:ASP:C	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HA	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:HA	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:HA	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:564:ALA:N	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HA	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:HA	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:N	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HB	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HB	1:A:522:PHE:N	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HB	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:H	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HB	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:HB	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HB	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:CD	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HB	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:HB	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:HD21	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HB	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:HB	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:O	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG1	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:OE1	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG1	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:HA	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:CG2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:HZ3	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:HG1	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:490:ALA:O	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG21	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:CE2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:HD1	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:527:ALA:HB2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG21	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:CG	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:CA	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:HG21	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:C	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:CA	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:HB3	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:HD13	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:H	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:HG	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:HG22	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:519:GLY:CA	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG23	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:CA	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:HD21	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:HB	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:563:LYS:O	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:HG23	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:HG23	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:N	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:N	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:CB	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:N	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:N	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:N	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:N	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:H	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:N	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:N	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:HE2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:N	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:N	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:N	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:N	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:N	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:527:ALA:O	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:N	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:N	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:561:ASP:HB2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:N	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:N	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:N	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:N	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:N	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:CD2	1	3.94

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wwPDB NMR Structure Validation Summary Report

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:N	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:N	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:490:ALA:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:O	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:O	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:CG	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:O	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:O	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:O	1:A:519:GLY:HA3	1	3.94
(1,35)	2:B:200:THR:O	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:CG	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:O	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:O	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:N	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:O	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:O	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:O	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:O	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:O	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:HG21	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:O	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:HG13	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:O	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:HB3	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:O	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:O	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:564:ALA:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:O	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:O	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:O	1:A:566:LEU:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:490:ALA:C	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:OG1	1:A:490:ALA:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:490:ALA:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:490:ALA:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:490:ALA:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:490:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:490:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:490:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:490:ALA:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:490:ALA:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:CG2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:HB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:HG1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:HG21	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:HG22	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:HG23	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:514:THR:OG1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:CG	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:ND2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:516:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:519:GLY:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:519:GLY:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:519:GLY:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:519:GLY:HA2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:519:GLY:HA3	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:OG1	1:A:519:GLY:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:519:GLY:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:CD2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:CG	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:522:PHE:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:CD	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:CG	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:523:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:CD1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:CD2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:CE1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:CE2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:CG	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:CZ	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:HD1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:HD2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:HE1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:HE2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:HZ	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:524:PHE:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:CD	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:CG	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:HG2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:HG3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:OE1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:525:GLU:OE2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:CG	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:HD21	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:HD22	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:ND2	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:526:ASN:OD1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:527:ALA:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:527:ALA:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:527:ALA:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:527:ALA:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:527:ALA:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:527:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:527:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:527:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:527:ALA:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:527:ALA:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:CD1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:CG1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:CG2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:HB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:HD11	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:HD12	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:HD13	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:HG12	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:HG13	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:HG21	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:HG22	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:HG23	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:528:ILE:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:CG1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:CG2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:HB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:HG11	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:HG12	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:HG13	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:HG21	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:HG22	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:HG23	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:529:VAL:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:CG	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:OD1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:561:ASP:OD2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:CD	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:CE	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:CG	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HD2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HD3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HE2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HE3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HG2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HG3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HZ1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HZ2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:HZ3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:NZ	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:563:LYS:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:564:ALA:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:564:ALA:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:564:ALA:CB	1	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	2:B:200:THR:OG1	1:A:564:ALA:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:564:ALA:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:564:ALA:HB1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:564:ALA:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:564:ALA:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:564:ALA:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:564:ALA:O	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:C	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:CA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:CB	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:CD1	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:CD2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:CG	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:H	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:HA	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:HB2	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:HB3	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:HD11	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:HD12	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:HD13	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:HD21	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:HD22	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:HD23	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:HG	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:N	1	3.94
(1,35)	2:B:200:THR:OG1	1:A:566:LEU:O	1	3.94
(3,3)	2:B:26:THR:CA	1:A:615:TYR:H	1	3.6
(1,1)	1:A:490:ALA:C	2:B:149:SER:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:149:SER:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:149:SER:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:149:SER:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:149:SER:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:149:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:149:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:149:SER:HG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:149:SER:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:149:SER:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:149:SER:OG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:CG1	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:C	2:B:152:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:152:VAL:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:153:VAL:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:155:GLY:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:155:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:155:GLY:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:155:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:155:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:155:GLY:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:155:GLY:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:CD1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:CD2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:CE1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:CE2	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:C	2:B:156:PHE:CG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:CZ	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:HD1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:HD2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:HE1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:HE2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:HZ	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:156:PHE:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:157:CYS:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:157:CYS:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:157:CYS:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:157:CYS:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:157:CYS:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:157:CYS:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:157:CYS:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:157:CYS:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:157:CYS:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:157:CYS:SG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:HB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:158:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:CD1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:CG1	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:C	2:B:159:ILE:CG2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:HB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:HD11	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:HD12	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:HD13	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:HG12	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:HG13	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:HG21	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:HG22	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:HG23	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:159:ILE:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:CG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:HD21	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:HD22	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:ND2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:161:ASN:OD1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HE3	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:C	2:B:162:LYS:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:167:SER:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:167:SER:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:167:SER:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:167:SER:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:167:SER:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:167:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:167:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:167:SER:HG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:167:SER:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:167:SER:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:167:SER:OG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:CD1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:CD2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:CG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:HD11	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:HD12	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:HD13	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:HD21	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:HD22	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:HD23	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:HG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:168:LEU:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:CE	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:C	2:B:170:MET:CG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:HE1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:HE2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:HE3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:HG2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:HG3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:170:MET:SD	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:C	2:B:172:LYS:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:HA	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:C	2:B:182:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:182:VAL:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:C	2:B:183:LYS:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:185:GLY:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:185:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:185:GLY:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:185:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:185:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:185:GLY:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:185:GLY:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:CD1	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:C	2:B:187:TYR:CD2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:CE1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:CE2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:CG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:CZ	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:HD1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:HD2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:HE1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:HE2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:HH	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:187:TYR:OH	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:HB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:O	1	3.58
(1,1)	1:A:490:ALA:C	2:B:200:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:C	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:H	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HD2	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:N	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:C	2:B:211:LYS:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:149:SER:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:149:SER:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:149:SER:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:149:SER:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:149:SER:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:149:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:149:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:149:SER:HG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:149:SER:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:149:SER:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:149:SER:OG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:152:VAL:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:CG1	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:153:VAL:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:155:GLY:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:155:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:155:GLY:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:155:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:155:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:155:GLY:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:155:GLY:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:CD1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:CD2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:CE1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:CE2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:CG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:CZ	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:HD1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:HD2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:HE1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:HE2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:HZ	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:156:PHE:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:157:CYS:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:157:CYS:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:157:CYS:CB	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CA	2:B:157:CYS:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:157:CYS:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:157:CYS:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:157:CYS:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:157:CYS:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:157:CYS:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:157:CYS:SG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:HB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:158:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:CD1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:CG1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:CG2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:HB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:HD11	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:HD12	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:HD13	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:HG12	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:HG13	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:HG21	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:HG22	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:HG23	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:159:ILE:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:CA	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:CG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:HD21	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:HD22	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:ND2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:161:ASN:OD1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:162:LYS:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:167:SER:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:167:SER:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:167:SER:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:167:SER:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:167:SER:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:167:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:167:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:167:SER:HG	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CA	2:B:167:SER:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:167:SER:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:167:SER:OG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:CD1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:CD2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:CG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:HD11	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:HD12	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:HD13	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:HD21	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:HD22	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:HD23	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:HG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:168:LEU:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:CE	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:CG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:HE1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:HE2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:HE3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:HG2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:HG3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:170:MET:SD	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:CB	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:172:LYS:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:182:VAL:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:H	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:183:LYS:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:185:GLY:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:185:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:185:GLY:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:185:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:185:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:185:GLY:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:185:GLY:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:CD1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:CD2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:CE1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:CE2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:CG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:CZ	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:HD1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:HD2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:HE1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:HE2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:HH	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:O	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CA	2:B:187:TYR:OH	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:HB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:O	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:200:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:C	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:H	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:N	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:CA	2:B:211:LYS:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:149:SER:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:149:SER:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:149:SER:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:149:SER:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:149:SER:HA	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CB	2:B:149:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:149:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:149:SER:HG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:149:SER:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:149:SER:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:149:SER:OG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:152:VAL:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:153:VAL:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:155:GLY:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:155:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:155:GLY:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:155:GLY:HA2	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CB	2:B:155:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:155:GLY:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:155:GLY:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:CD1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:CD2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:CE1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:CE2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:CG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:CZ	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:HD1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:HD2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:HE1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:HE2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:HZ	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:156:PHE:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:157:CYS:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:157:CYS:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:157:CYS:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:157:CYS:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:157:CYS:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:157:CYS:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:157:CYS:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:157:CYS:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:157:CYS:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:157:CYS:SG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:HB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:HG21	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CB	2:B:158:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:158:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:CD1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:CG1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:CG2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:HB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:HD11	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:HD12	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:HD13	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:HG12	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:HG13	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:HG21	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:HG22	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:HG23	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:159:ILE:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:CG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:HD21	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:HD22	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:ND2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:161:ASN:OD1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:CD	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:162:LYS:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:167:SER:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:167:SER:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:167:SER:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:167:SER:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:167:SER:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:167:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:167:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:167:SER:HG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:167:SER:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:167:SER:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:167:SER:OG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:CD1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:CD2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:CG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:HD11	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:HD12	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:HD13	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:HD21	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:HD22	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:HD23	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:HG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:168:LEU:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:CE	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:CG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:HE1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:HE2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:HE3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:HG2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:HG3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:170:MET:SD	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:HZ3	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:172:LYS:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:182:VAL:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:183:LYS:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:185:GLY:C	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CB	2:B:185:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:185:GLY:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:185:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:185:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:185:GLY:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:185:GLY:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:CD1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:CD2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:CE1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:CE2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:CG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:CZ	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:HD1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:HD2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:HE1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:HE2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:HH	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:187:TYR:OH	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:C	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:HB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:O	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:200:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:C	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:H	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:N	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:CB	2:B:211:LYS:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:149:SER:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:149:SER:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:149:SER:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:149:SER:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:149:SER:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:149:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:149:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:149:SER:HG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:149:SER:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:149:SER:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:149:SER:OG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:HG12	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:H	2:B:152:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:152:VAL:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:153:VAL:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:155:GLY:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:155:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:155:GLY:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:155:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:155:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:155:GLY:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:155:GLY:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:CD1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:CD2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:CE1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:CE2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:CG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:CZ	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:HB3	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:H	2:B:156:PHE:HD1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:HD2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:HE1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:HE2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:HZ	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:156:PHE:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:157:CYS:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:157:CYS:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:157:CYS:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:157:CYS:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:157:CYS:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:157:CYS:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:157:CYS:HB3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:157:CYS:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:157:CYS:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:157:CYS:SG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:HB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:158:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:CD1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:CG1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:CG2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:HB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:HD11	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:HD12	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:H	2:B:159:ILE:HD13	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:HG12	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:HG13	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:HG21	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:HG22	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:HG23	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:159:ILE:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:CG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:HB3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:HD21	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:HD22	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:ND2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:161:ASN:OD1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:N	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:H	2:B:162:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:H	2:B:162:LYS:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:167:SER:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:167:SER:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:167:SER:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:167:SER:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:167:SER:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:167:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:167:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:167:SER:HG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:167:SER:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:167:SER:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:167:SER:OG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:CD1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:CD2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:CG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:HB3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:HD11	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:HD12	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:HD13	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:HD21	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:HD22	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:HD23	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:HG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:168:LEU:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:CE	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:CG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:HB3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:HE1	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:H	2:B:170:MET:HE2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:HE3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:HG2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:HG3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:170:MET:SD	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:H	2:B:172:LYS:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:HG22	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:H	2:B:182:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:182:VAL:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:H	2:B:183:LYS:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:185:GLY:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:185:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:185:GLY:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:185:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:185:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:185:GLY:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:185:GLY:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:CD1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:CD2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:CE1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:CE2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:CG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:CZ	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:H	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:H	2:B:187:TYR:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:HB3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:HD1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:HD2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:HE1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:HE2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:HH	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:187:TYR:OH	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:HB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:O	1	3.58
(1,1)	1:A:490:ALA:H	2:B:200:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:C	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:H	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HZ1	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:N	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:H	2:B:211:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:149:SER:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:149:SER:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:149:SER:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:149:SER:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:149:SER:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:149:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:149:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:149:SER:HG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:149:SER:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:149:SER:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:149:SER:OG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:152:VAL:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:HG12	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:153:VAL:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:155:GLY:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:155:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:155:GLY:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:155:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:155:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:155:GLY:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:155:GLY:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:CD1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:CD2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:CE1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:CE2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:CG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:CZ	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:HB2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:HB3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:HD1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:HD2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:HE1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:HE2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:HZ	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:156:PHE:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:157:CYS:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:157:CYS:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:157:CYS:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:157:CYS:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:157:CYS:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:157:CYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:157:CYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:157:CYS:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:157:CYS:O	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HA	2:B:157:CYS:SG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:HB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:158:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:CD1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:CG1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:CG2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:HB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:HD11	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:HD12	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:HD13	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:HG12	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:HG13	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:HG21	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:HG22	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:HG23	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:159:ILE:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:CG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:HB2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:HB3	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:HD21	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:HD22	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:ND2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:161:ASN:OD1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:162:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:167:SER:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:167:SER:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:167:SER:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:167:SER:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:167:SER:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:167:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:167:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:167:SER:HG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:167:SER:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:167:SER:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:167:SER:OG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:CB	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:CD1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:CD2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:CG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:HB2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:HB3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:HD11	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:HD12	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:HD13	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:HD21	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:HD22	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:HD23	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:HG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:168:LEU:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:CE	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:CG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:HB2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:HB3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:HE1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:HE2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:HE3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:HG2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:HG3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:170:MET:SD	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HB2	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:172:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:182:VAL:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HE2	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:183:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:185:GLY:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:185:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:185:GLY:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:185:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:185:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:185:GLY:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:185:GLY:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:CD1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:CD2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:CE1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:CE2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:CG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:CZ	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:HB2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:HB3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:HD1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:HD2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:HE1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:HE2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:HH	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:187:TYR:OH	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:H	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HA	2:B:200:THR:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:HB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:O	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:200:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HA	2:B:211:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:149:SER:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:149:SER:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:149:SER:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:149:SER:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:149:SER:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:149:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:149:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:149:SER:HG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:149:SER:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:149:SER:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:149:SER:OG	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:152:VAL:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:153:VAL:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:155:GLY:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:155:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:155:GLY:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:155:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:155:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:155:GLY:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:155:GLY:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:CB	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:CD1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:CD2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:CE1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:CE2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:CG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:CZ	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:HB3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:HD1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:HD2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:HE1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:HE2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:HZ	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:156:PHE:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:157:CYS:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:157:CYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:157:CYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:157:CYS:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:157:CYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:157:CYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:157:CYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:157:CYS:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:157:CYS:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:157:CYS:SG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:HB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:158:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:C	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:CD1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:CG1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:CG2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:HB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:HD11	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:HD12	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:HD13	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:HG12	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:HG13	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:HG21	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:HG22	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:HG23	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:159:ILE:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:CG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:HB3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:HD21	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:HD22	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:ND2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:161:ASN:OD1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HB3	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:162:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:167:SER:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:167:SER:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:167:SER:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:167:SER:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:167:SER:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:167:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:167:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:167:SER:HG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:167:SER:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:167:SER:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:167:SER:OG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:CD1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:CD2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:CG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:HB3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:HD11	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:HD12	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:HD13	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:HD21	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:HD22	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:HD23	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:HG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:168:LEU:O	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:CE	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:CG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:HB3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:HE1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:HE2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:HE3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:HG2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:HG3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:170:MET:SD	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:172:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:CB	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:182:VAL:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:183:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:185:GLY:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:185:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:185:GLY:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:185:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:185:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:185:GLY:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:185:GLY:O	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:CD1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:CD2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:CE1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:CE2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:CG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:CZ	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:HB3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:HD1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:HD2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:HE1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:HE2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:HH	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:187:TYR:OH	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:H	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:HB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:O	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:200:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:H	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB1	2:B:211:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:149:SER:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:149:SER:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:149:SER:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:149:SER:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:149:SER:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:149:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:149:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:149:SER:HG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:149:SER:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:149:SER:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:149:SER:OG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:152:VAL:O	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:153:VAL:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:155:GLY:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:155:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:155:GLY:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:155:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:155:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:155:GLY:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:155:GLY:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:CD1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:CD2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:CE1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:CE2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:CG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:CZ	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:HD1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:HD2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:HE1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:HE2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:HZ	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:N	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB2	2:B:156:PHE:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:157:CYS:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:157:CYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:157:CYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:157:CYS:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:157:CYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:157:CYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:157:CYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:157:CYS:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:157:CYS:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:157:CYS:SG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:HB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:158:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:CD1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:CG1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:CG2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:HB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:HD11	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:HD12	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:HD13	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:HG12	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:HG13	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:HG21	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:HG22	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:HG23	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:159:ILE:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:CG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:HD21	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:HD22	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:ND2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:161:ASN:OD1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:162:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:167:SER:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:167:SER:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:167:SER:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:167:SER:H	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB2	2:B:167:SER:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:167:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:167:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:167:SER:HG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:167:SER:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:167:SER:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:167:SER:OG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:CD1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:CD2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:CG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:HD11	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:HD12	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:HD13	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:HD21	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:HD22	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:HD23	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:HG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:168:LEU:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:CE	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:CG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:HE1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:HE2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:HE3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:HG2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:HG3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:O	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB2	2:B:170:MET:SD	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:172:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:182:VAL:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:CB	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:183:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:185:GLY:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:185:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:185:GLY:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:185:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:185:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:185:GLY:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:185:GLY:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:CD1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:CD2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:CE1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:CE2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:CG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:CZ	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:HD1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:HD2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:HE1	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:HE2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:HH	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:187:TYR:OH	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:HB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:O	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:200:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB2	2:B:211:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:149:SER:C	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB3	2:B:149:SER:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:149:SER:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:149:SER:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:149:SER:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:149:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:149:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:149:SER:HG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:149:SER:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:149:SER:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:149:SER:OG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:152:VAL:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:153:VAL:O	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB3	2:B:155:GLY:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:155:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:155:GLY:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:155:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:155:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:155:GLY:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:155:GLY:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:CD1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:CD2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:CE1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:CE2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:CG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:CZ	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:HB2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:HD1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:HD2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:HE1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:HE2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:HZ	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:156:PHE:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:157:CYS:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:157:CYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:157:CYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:157:CYS:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:157:CYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:157:CYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:157:CYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:157:CYS:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:157:CYS:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:157:CYS:SG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:H	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:HB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:158:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:CD1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:CG1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:CG2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:HB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:HD11	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:HD12	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:HD13	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:HG12	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:HG13	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:HG21	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:HG22	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:HG23	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:159:ILE:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:CG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:HB2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:HD21	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:HD22	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:ND2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:161:ASN:OD1	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:162:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:167:SER:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:167:SER:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:167:SER:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:167:SER:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:167:SER:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:167:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:167:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:167:SER:HG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:167:SER:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:167:SER:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:167:SER:OG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:CD1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:CD2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:CG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:HB2	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:HD11	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:HD12	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:HD13	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:HD21	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:HD22	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:HD23	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:HG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:168:LEU:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:CE	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:CG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:HB2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:HE1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:HE2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:HE3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:HG2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:HG3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:170:MET:SD	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HG2	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:172:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:182:VAL:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:HZ3	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:183:LYS:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:185:GLY:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:185:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:185:GLY:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:185:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:185:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:185:GLY:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:185:GLY:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:CD1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:CD2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:CE1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:CE2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:CG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:CZ	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:HB2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:HD1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:HD2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:HE1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:HE2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:HH	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:187:TYR:OH	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:HB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:HG23	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:O	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:200:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:C	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:H	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:N	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:HB3	2:B:211:LYS:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:149:SER:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:149:SER:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:149:SER:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:149:SER:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:149:SER:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:149:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:149:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:149:SER:HG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:149:SER:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:149:SER:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:149:SER:OG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:H	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:N	2:B:152:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:152:VAL:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:153:VAL:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:155:GLY:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:155:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:155:GLY:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:155:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:155:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:155:GLY:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:155:GLY:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:CD1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:CD2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:CE1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:CE2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:CG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:CZ	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:N	2:B:156:PHE:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:HD1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:HD2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:HE1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:HE2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:HZ	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:156:PHE:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:157:CYS:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:157:CYS:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:157:CYS:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:157:CYS:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:157:CYS:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:157:CYS:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:157:CYS:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:157:CYS:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:157:CYS:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:157:CYS:SG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:HB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:158:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:CD1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:CG1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:CG2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:H	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:N	2:B:159:ILE:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:HB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:HD11	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:HD12	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:HD13	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:HG12	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:HG13	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:HG21	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:HG22	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:HG23	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:159:ILE:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:CG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:HD21	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:HD22	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:ND2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:161:ASN:OD1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HG3	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:N	2:B:162:LYS:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:167:SER:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:167:SER:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:167:SER:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:167:SER:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:167:SER:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:167:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:167:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:167:SER:HG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:167:SER:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:167:SER:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:167:SER:OG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:CD1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:CD2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:CG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:HD11	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:HD12	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:HD13	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:HD21	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:HD22	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:HD23	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:HG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:168:LEU:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:CE	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:CG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:H	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:N	2:B:170:MET:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:HE1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:HE2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:HE3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:HG2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:HG3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:170:MET:SD	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:N	2:B:172:LYS:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:HG11	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:N	2:B:182:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:182:VAL:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:N	2:B:183:LYS:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:185:GLY:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:185:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:185:GLY:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:185:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:185:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:185:GLY:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:185:GLY:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:CD1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:CD2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:CE1	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:N	2:B:187:TYR:CE2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:CG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:CZ	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:HD1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:HD2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:HE1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:HE2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:HH	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:187:TYR:OH	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:HB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:O	1	3.58
(1,1)	1:A:490:ALA:N	2:B:200:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:C	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:H	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HE2	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:N	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:N	2:B:211:LYS:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:149:SER:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:149:SER:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:149:SER:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:149:SER:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:149:SER:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:149:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:149:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:149:SER:HG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:149:SER:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:149:SER:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:149:SER:OG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:152:VAL:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:H	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:O	2:B:153:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:153:VAL:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:155:GLY:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:155:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:155:GLY:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:155:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:155:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:155:GLY:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:155:GLY:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:CD1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:CD2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:CE1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:CE2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:CG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:CZ	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:HB2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:HD1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:HD2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:HE1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:HE2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:HZ	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:156:PHE:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:157:CYS:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:157:CYS:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:157:CYS:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:157:CYS:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:157:CYS:HA	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:O	2:B:157:CYS:HB2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:157:CYS:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:157:CYS:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:157:CYS:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:157:CYS:SG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:HB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:158:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:CD1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:CG1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:CG2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:HB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:HD11	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:HD12	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:HD13	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:HG12	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:HG13	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:HG21	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:HG22	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:HG23	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:159:ILE:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:CG	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:O	2:B:161:ASN:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:HB2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:HD21	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:HD22	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:ND2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:161:ASN:OD1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:O	2:B:162:LYS:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:167:SER:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:167:SER:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:167:SER:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:167:SER:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:167:SER:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:167:SER:HB2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:167:SER:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:167:SER:HG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:167:SER:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:167:SER:O	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:O	2:B:167:SER:OG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:CD1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:CD2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:CG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:HB2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:HD11	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:HD12	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:HD13	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:HD21	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:HD22	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:HD23	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:HG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:168:LEU:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:CE	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:CG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:HB2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:HE1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:HE2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:HE3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:HG2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:HG3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:170:MET:SD	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:CE	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:O	2:B:172:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:O	2:B:172:LYS:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:CG1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:CG2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:HB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:HG11	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:HG12	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:HG13	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:HG21	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:HG22	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:HG23	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:182:VAL:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HB2	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:O	2:B:183:LYS:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:185:GLY:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:185:GLY:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:185:GLY:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:185:GLY:HA2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:185:GLY:HA3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:185:GLY:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:185:GLY:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:CD1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:CD2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:CE1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:CE2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:CG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:CZ	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:HB2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:HD1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:HD2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:HE1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:HE2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:HH	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:187:TYR:OH	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:C	1	3.58

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:490:ALA:O	2:B:200:THR:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:CG2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:HB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:HG1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:HG21	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:HG22	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:HG23	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:O	1	3.58
(1,1)	1:A:490:ALA:O	2:B:200:THR:OG1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:C	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:CA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:CB	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:CD	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:CE	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:CG	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:H	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HA	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HB2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HB3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HD2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HD3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HE2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HE3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HG2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HG3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HZ1	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HZ2	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:HZ3	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:N	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:NZ	1	3.58
(1,1)	1:A:490:ALA:O	2:B:211:LYS:O	1	3.58
(1,12)	1:A:529:VAL:C	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:149:SER:HB3	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:C	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:155:GLY:N	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:C	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:HG23	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:C	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:CG	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:C	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:C	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:HD22	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:C	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:172:LYS:NZ	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:C	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:C	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:185:GLY:H	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:C	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:C	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:CB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:C	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:C	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:HG21	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:HD2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:HG12	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:162:LYS:O	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CA	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:HE3	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CA	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:N	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CA	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:HB2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:HZ3	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CA	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:HG21	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:C	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CB	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:HD22	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:CD2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HD2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HG2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:HB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CB	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CB	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:CA	1	2.4

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wwPDB NMR Structure Validation Summary Report

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:CD2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:CB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HD3	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:CA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:CG2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:CA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HB2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CG1	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:CA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:157:CYS:C	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG2	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:159:ILE:O	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:167:SER:HB2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG2	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:C	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:CE	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:HH	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:CG2	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:149:SER:CB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:H	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:155:GLY:CA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:H	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:HB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:H	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:CA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:H	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:H	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:HD11	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:H	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HZ1	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:H	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:183:LYS:NZ	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:H	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:H	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:200:THR:O	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:H	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:H	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:HB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:HA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:HB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HZ2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:HB2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HA	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:HG13	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:CG	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HG2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HA	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:HB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:157:CYS:HB3	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HB	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:HA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:C	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:H	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HD2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:CB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HB	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HB	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:149:SER:N	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG11	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:C	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:O	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG11	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:HG	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:C	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:185:GLY:HA3	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG11	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:CE	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG11	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:HG23	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:HE2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:HG21	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:167:SER:CA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG12	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:HG3	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:C	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:HD1	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:NZ	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG12	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:HG23	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:CB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:ND2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:H	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HE2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HZ1	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:HG21	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG13	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:CG1	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:CE2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:CG1	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HE3	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:CE	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:HA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:CD1	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HD2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG21	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:CG1	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:157:CYS:CB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG22	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:CA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:167:SER:HG	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG22	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:CB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:H	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:O	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG22	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG22	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:149:SER:HA	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG23	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:155:GLY:HA2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG23	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:HG21	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:CD	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:HD13	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:HZ3	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:185:GLY:C	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG23	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:C	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:HG23	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:HG12	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:N	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:HB3	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:N	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:157:CYS:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:HD12	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:N	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:HB3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:N	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:N	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:N	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:HE1	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:N	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:N	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:HG22	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:N	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:N	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:H	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:N	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:N	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HZ1	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:N	2:B:211:LYS:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:149:SER:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:149:SER:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:149:SER:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:149:SER:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:149:SER:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:149:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:149:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:149:SER:HG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:149:SER:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:149:SER:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:149:SER:OG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:152:VAL:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:HG12	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:O	2:B:153:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:153:VAL:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:155:GLY:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:155:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:155:GLY:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:155:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:155:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:155:GLY:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:155:GLY:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:CD1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:CD2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:CE1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:CE2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:CG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:CZ	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:HB2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:HB3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:HD1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:HD2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:HE1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:HE2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:HZ	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:156:PHE:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:157:CYS:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:157:CYS:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:157:CYS:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:157:CYS:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:157:CYS:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:157:CYS:HB2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:157:CYS:HB3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:157:CYS:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:157:CYS:O	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:O	2:B:157:CYS:SG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:HB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:158:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:CD1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:CG1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:CG2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:HB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:HD11	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:HD12	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:HD13	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:HG12	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:HG13	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:HG21	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:HG22	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:HG23	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:159:ILE:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:CG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:HB2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:HB3	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:O	2:B:161:ASN:HD21	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:HD22	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:ND2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:161:ASN:OD1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:O	2:B:162:LYS:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:167:SER:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:167:SER:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:167:SER:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:167:SER:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:167:SER:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:167:SER:HB2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:167:SER:HB3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:167:SER:HG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:167:SER:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:167:SER:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:167:SER:OG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:CB	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:O	2:B:168:LEU:CD1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:CD2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:CG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:HB2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:HB3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:HD11	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:HD12	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:HD13	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:HD21	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:HD22	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:HD23	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:HG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:168:LEU:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:CE	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:CG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:HB2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:HB3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:HE1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:HE2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:HE3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:HG2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:HG3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:170:MET:SD	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HB2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:O	2:B:172:LYS:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:CG1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:CG2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:HB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:HG11	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:HG12	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:HG13	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:HG21	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:HG22	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:HG23	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:182:VAL:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HE2	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:O	2:B:183:LYS:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:185:GLY:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:185:GLY:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:185:GLY:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:185:GLY:HA2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:185:GLY:HA3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:185:GLY:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:185:GLY:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:CD1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:CD2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:CE1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:CE2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:CG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:CZ	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:HB2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:HB3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:HD1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:HD2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:HE1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:HE2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:HH	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:187:TYR:OH	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:CG2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:H	1	2.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	1:A:529:VAL:O	2:B:200:THR:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:HB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:HG1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:HG21	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:HG22	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:HG23	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:O	1	2.4
(1,12)	1:A:529:VAL:O	2:B:200:THR:OG1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:C	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:CA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:CB	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:CD	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:CE	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:CG	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:H	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HA	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HB2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HB3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HD2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HD3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HE2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HE3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HG2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HG3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HZ1	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HZ2	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:HZ3	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:N	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:NZ	1	2.4
(1,12)	1:A:529:VAL:O	2:B:211:LYS:O	1	2.4
(1,18)	2:B:152:VAL:C	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:C	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:C	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:CG	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:C	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:HD2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:C	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:527:ALA:HB3	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:C	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:C	1:A:561:ASP:H	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:C	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:C	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:C	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:CB	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:C	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:C	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:CA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:CB	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:HG2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:HG12	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:N	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CA	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:519:GLY:H	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CB	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:CB	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:HD22	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:HG11	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:564:ALA:C	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CB	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:CB	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:CG2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:HA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:HZ	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:C	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:HB3	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:CG	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:CG1	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:H	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:H	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:O	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:HG22	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HD2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:CG2	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:490:ALA:CA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:H	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:519:GLY:N	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:H	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:CE1	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:H	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:526:ASN:O	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:H	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:HG21	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:H	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:H	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:564:ALA:H	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:H	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:H	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:HB	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HA	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:HD1	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:C	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:CD1	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:OD1	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HA	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:HB2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:HA	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:HB3	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:HB3	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:C	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:528:ILE:O	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HE3	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:HB	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:490:ALA:HA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG11	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:CA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:CZ	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:527:ALA:CA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG11	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:N	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG11	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:564:ALA:HB2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG11	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:HG11	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:HG22	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:HE2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:CD	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:H	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:CA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:HD12	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:HG12	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:N	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:N	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:CG	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:CB	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HZ1	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:HG13	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:490:ALA:HB3	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG21	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:CD2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:HB2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:527:ALA:HA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG21	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:CA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:564:ALA:O	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:HG21	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:O	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG22	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:522:PHE:O	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:HA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:HD11	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:CE	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:HD22	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:HG22	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:516:ASN:OD1	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG23	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:523:GLU:OE2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:HB2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:H	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:N	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:HG23	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:C	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:N	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:CG	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:N	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:HD2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:N	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:527:ALA:HB3	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:N	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:HG12	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:N	1:A:561:ASP:H	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:N	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:N	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:N	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:CB	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:N	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:N	1	2.14
(1,18)	2:B:152:VAL:N	1:A:566:LEU:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:490:ALA:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:490:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:490:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:490:ALA:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:490:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:490:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:490:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:490:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:490:ALA:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:490:ALA:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:CG2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:HB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:HG1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:HG21	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:HG22	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:HG23	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:514:THR:OG1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:CA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:O	1:A:516:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:516:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:519:GLY:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:519:GLY:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:519:GLY:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:519:GLY:HA2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:519:GLY:HA3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:519:GLY:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:519:GLY:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:522:PHE:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:CB	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:O	1:A:523:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:HG2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:523:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:CD1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:CD2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:CE1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:CE2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:CG	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:CZ	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:HD1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:HD2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:HE1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:HE2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:HZ	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:524:PHE:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:CD	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:CG	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:HG2	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:O	1:A:525:GLU:HG3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:OE1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:525:GLU:OE2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:CG	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:HD21	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:HD22	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:ND2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:526:ASN:OD1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:527:ALA:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:527:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:527:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:527:ALA:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:527:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:527:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:527:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:527:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:527:ALA:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:527:ALA:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:CD1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:CG1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:CG2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:HB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:HD11	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:HD12	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:HD13	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:HG12	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:O	1:A:528:ILE:HG13	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:HG21	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:HG22	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:HG23	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:528:ILE:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:CG1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:CG2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:HB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:HG11	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:HG12	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:HG13	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:HG21	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:HG22	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:HG23	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:529:VAL:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:CG	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:OD1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:561:ASP:OD2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:CD	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:CE	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:CG	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HA	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HD2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HD3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HE2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HE3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HG2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HG3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HZ1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HZ2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:HZ3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:NZ	1	2.14
(1,18)	2:B:152:VAL:O	1:A:563:LYS:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:564:ALA:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:564:ALA:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:564:ALA:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:564:ALA:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:564:ALA:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:564:ALA:HB1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:564:ALA:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:564:ALA:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:564:ALA:N	1	2.14
(1,18)	2:B:152:VAL:O	1:A:564:ALA:O	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:C	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:CA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:CB	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:CD1	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:CD2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:CG	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:H	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:HA	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:HB2	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:HB3	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:HD11	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:HD12	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:HD13	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:HD21	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:HD22	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:HD23	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:HG	1	2.14
(1,18)	2:B:152:VAL:O	1:A:566:LEU:N	1	2.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:152:VAL:O	1:A:566:LEU:O	1	2.14
(1,26)	2:B:162:LYS:C	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:519:GLY:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:C	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:CB	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:C	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:HD22	1	2.12

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wwPDB NMR Structure Validation Summary Report

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:C	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:HG11	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:C	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:C	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:564:ALA:C	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:C	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:C	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:CG2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CA	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:HA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:HZ	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:C	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:HB3	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:CG	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:CA	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:O	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:HG22	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HD2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:CB	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:490:ALA:CA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CD	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:519:GLY:N	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CD	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:CE1	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:O	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CD	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:HG21	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:564:ALA:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CD	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:CD	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:HB	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CE	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:HD1	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:C	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:CD1	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:OD1	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CE	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:HB2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:CE	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:HB3	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:HB3	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:C	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:528:ILE:O	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HE3	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:CG	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:490:ALA:HA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:H	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:CA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:H	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:CZ	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:H	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:527:ALA:CA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:H	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:H	1:A:529:VAL:N	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:H	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:H	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:564:ALA:HB2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:H	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:H	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:HG22	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HA	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:HE2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:CD	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:CA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:HD12	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:HA	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:N	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:N	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:CG	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:CB	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HZ1	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:HB2	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:490:ALA:HB3	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HB3	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:CD2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:HB2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:527:ALA:HA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HB3	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:CA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:564:ALA:O	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:HB3	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:O	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HD2	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:522:PHE:O	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:HA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:HD11	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:CE	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:HD22	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:HD2	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:516:ASN:OD1	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HD3	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:523:GLU:OE2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:HB2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:N	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:HD3	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:C	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:CG	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:HD2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:527:ALA:HB3	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE2	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:CB	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:HE2	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:CA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:CB	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:HG2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:HG12	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:N	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HE3	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:519:GLY:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HG2	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:CB	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:HD22	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:HG11	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:564:ALA:C	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HG2	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:HG2	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:CG2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:HA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:HZ	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:C	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:HB3	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:CG	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:HG3	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:O	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:HG22	1	2.12

wwPDB NMR Structure Validation Summary Report

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HD2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:HZ1	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:490:ALA:CA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ2	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:519:GLY:N	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ2	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:CE1	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:O	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ2	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:HG21	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:564:ALA:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ2	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:HZ2	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:HB	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:HD1	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:C	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:CD1	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:OD1	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ3	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:HB2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:HZ3	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:HB3	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:N	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:HB3	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:N	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:C	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:N	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:528:ILE:O	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:N	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HE3	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:N	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:N	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:490:ALA:HA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:NZ	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:HG22	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:CA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:CZ	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:527:ALA:CA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:NZ	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:N	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:NZ	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:564:ALA:HB2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:NZ	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:HD12	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:NZ	1:A:566:LEU:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:490:ALA:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:490:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:490:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:490:ALA:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:490:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:490:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:490:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:490:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:490:ALA:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:490:ALA:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:CG2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:HB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:HG1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:HG21	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:HG22	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:O	1:A:514:THR:HG23	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:514:THR:OG1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:516:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:519:GLY:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:519:GLY:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:519:GLY:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:519:GLY:HA2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:519:GLY:HA3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:519:GLY:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:519:GLY:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:HE2	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:O	1:A:522:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:522:PHE:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:CD	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:523:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:CD1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:CD2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:CE1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:CE2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:CG	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:CZ	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:HD1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:HD2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:HE1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:HE2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:HZ	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:524:PHE:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:CD	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:O	1:A:525:GLU:CG	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:HG2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:HG3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:OE1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:525:GLU:OE2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:CG	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:HD21	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:HD22	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:ND2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:526:ASN:OD1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:527:ALA:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:527:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:527:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:527:ALA:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:527:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:527:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:527:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:527:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:527:ALA:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:527:ALA:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:CD1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:CG1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:CG2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:H	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:O	1:A:528:ILE:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:HB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:HD11	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:HD12	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:HD13	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:HG12	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:HG13	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:HG21	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:HG22	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:HG23	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:528:ILE:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:CG1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:CG2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:HB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:HG11	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:HG12	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:HG13	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:HG21	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:HG22	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:HG23	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:529:VAL:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:CG	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:OD1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:561:ASP:OD2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:CA	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:O	1:A:563:LYS:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:CD	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:CE	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:CG	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HD2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HD3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HE2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HE3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HG2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HG3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HZ1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HZ2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:HZ3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:NZ	1	2.12
(1,26)	2:B:162:LYS:O	1:A:563:LYS:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:564:ALA:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:564:ALA:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:564:ALA:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:564:ALA:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:564:ALA:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:564:ALA:HB1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:564:ALA:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:564:ALA:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:564:ALA:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:564:ALA:O	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:C	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:CA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:CB	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:CD1	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:CD2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:CG	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:H	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:HA	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:HB2	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:HB3	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:HD11	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:HD12	1	2.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:B:162:LYS:O	1:A:566:LEU:HD13	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:HD21	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:HD22	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:HD23	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:HG	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:N	1	2.12
(1,26)	2:B:162:LYS:O	1:A:566:LEU:O	1	2.12
(1,20)	2:B:155:GLY:C	1:A:490:ALA:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:490:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:490:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:490:ALA:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:490:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:490:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:490:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:490:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:490:ALA:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:490:ALA:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:CG2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:HB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:HG1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:HG21	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:HG22	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:HG23	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:514:THR:OG1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:N	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:C	1:A:516:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:516:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:519:GLY:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:519:GLY:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:519:GLY:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:519:GLY:HA2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:519:GLY:HA3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:519:GLY:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:519:GLY:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:522:PHE:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:N	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:C	1:A:523:GLU:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:523:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:524:PHE:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:525:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:CG	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:C	1:A:526:ASN:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:526:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:527:ALA:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:527:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:527:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:527:ALA:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:527:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:527:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:527:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:527:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:527:ALA:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:527:ALA:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:CD1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:CG1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:CG2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:HB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:HD11	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:HD12	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:HD13	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:HG12	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:HG13	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:HG21	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:HG22	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:HG23	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:528:ILE:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:CB	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:C	1:A:529:VAL:CG1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:CG2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:HB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:HG11	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:HG12	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:HG13	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:HG21	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:HG22	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:HG23	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:529:VAL:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:CG	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:OD1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:561:ASP:OD2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:CD	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:CE	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:CG	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HD2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HD3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HE2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HE3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HG2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HG3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HZ1	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HZ2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:HZ3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:NZ	1	1.85
(1,20)	2:B:155:GLY:C	1:A:563:LYS:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:564:ALA:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:564:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:564:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:564:ALA:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:564:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:564:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:564:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:564:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:564:ALA:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:564:ALA:O	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:C	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:CA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:CB	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:CD1	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:CD2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:CG	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:H	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:HA	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:HB2	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:HB3	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:HD11	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:HD12	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:HD13	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:HD21	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:HD22	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:HD23	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:HG	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:N	1	1.85
(1,20)	2:B:155:GLY:C	1:A:566:LEU:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:490:ALA:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:490:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:490:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:490:ALA:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:490:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:490:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:490:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:490:ALA:HB3	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:CA	1:A:490:ALA:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:490:ALA:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:CG2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:HB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:HG1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:HG21	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:HG22	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:HG23	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:514:THR:OG1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:516:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:519:GLY:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:519:GLY:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:519:GLY:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:519:GLY:HA2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:519:GLY:HA3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:519:GLY:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:519:GLY:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:CD2	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:522:PHE:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:523:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:HB2	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:524:PHE:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:525:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:526:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:527:ALA:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:527:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:527:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:527:ALA:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:527:ALA:HA	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:CA	1:A:527:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:527:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:527:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:527:ALA:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:527:ALA:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:CD1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:CG1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:CG2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:HB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:HD11	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:HD12	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:HD13	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:HG12	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:HG13	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:HG21	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:HG22	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:HG23	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:528:ILE:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:CG1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:CG2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:HB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:HG11	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:HG12	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:HG13	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:HG21	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:HG22	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:HG23	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:529:VAL:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:CA	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:CG	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:HB2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:HB3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:OD1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:561:ASP:OD2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:CD	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:CE	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:CG	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HB2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HB3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HD2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HD3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HE2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HE3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HG2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HG3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HZ1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HZ2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:HZ3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:NZ	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:563:LYS:O	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:564:ALA:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:564:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:564:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:564:ALA:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:564:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:564:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:564:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:564:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:564:ALA:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:564:ALA:O	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:C	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:CA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:CB	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:CD1	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:CD2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:CG	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:H	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:HA	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:HB2	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:HB3	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:HD11	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:HD12	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:HD13	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:HD21	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:HD22	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:HD23	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:HG	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:N	1	1.85
(1,20)	2:B:155:GLY:CA	1:A:566:LEU:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:490:ALA:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:490:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:490:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:490:ALA:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:490:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:490:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:490:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:490:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:490:ALA:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:490:ALA:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:CG2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:HB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:HG1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:HG21	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:HG22	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:HG23	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:514:THR:O	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:H	1:A:514:THR:OG1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:516:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:519:GLY:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:519:GLY:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:519:GLY:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:519:GLY:HA2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:519:GLY:HA3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:519:GLY:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:519:GLY:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:522:PHE:O	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:H	1:A:523:GLU:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:523:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:524:PHE:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:HA	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:H	1:A:525:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:525:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:526:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:527:ALA:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:527:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:527:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:527:ALA:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:527:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:527:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:527:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:527:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:527:ALA:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:527:ALA:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:CD1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:CG1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:CG2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:HB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:HD11	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:H	1:A:528:ILE:HD12	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:HD13	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:HG12	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:HG13	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:HG21	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:HG22	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:HG23	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:528:ILE:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:CG1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:CG2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:HB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:HG11	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:HG12	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:HG13	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:HG21	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:HG22	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:HG23	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:529:VAL:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:CG	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:OD1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:561:ASP:OD2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:CD	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:CE	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:H	1:A:563:LYS:CG	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HD2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HD3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HE2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HE3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HG2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HG3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HZ1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HZ2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:HZ3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:NZ	1	1.85
(1,20)	2:B:155:GLY:H	1:A:563:LYS:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:564:ALA:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:564:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:564:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:564:ALA:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:564:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:564:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:564:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:564:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:564:ALA:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:564:ALA:O	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:C	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:CA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:CB	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:CD1	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:CD2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:CG	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:H	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:HA	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:HB2	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:HB3	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:HD11	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:HD12	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:HD13	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:HD21	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:HD22	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:H	1:A:566:LEU:HD23	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:HG	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:N	1	1.85
(1,20)	2:B:155:GLY:H	1:A:566:LEU:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:490:ALA:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:490:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:490:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:490:ALA:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:490:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:490:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:490:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:490:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:490:ALA:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:490:ALA:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:CG2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:HB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:HG1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:HG21	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:HG22	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:HG23	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:514:THR:OG1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:516:ASN:OD1	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:HA2	1:A:519:GLY:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:519:GLY:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:519:GLY:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:519:GLY:HA2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:519:GLY:HA3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:519:GLY:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:519:GLY:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:522:PHE:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:523:GLU:OE2	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:524:PHE:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:525:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:HB2	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:526:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:527:ALA:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:527:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:527:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:527:ALA:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:527:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:527:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:527:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:527:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:527:ALA:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:527:ALA:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:CD1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:CG1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:CG2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:HB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:HD11	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:HD12	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:HD13	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:HG12	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:HG13	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:HG21	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:HG22	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:HG23	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:528:ILE:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:CG1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:CG2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:H	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:HB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:HG11	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:HG12	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:HG13	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:HG21	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:HG22	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:HG23	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:529:VAL:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:CG	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:HB2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:OD1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:561:ASP:OD2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:CD	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:CE	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:CG	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HB2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HD2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HD3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HE2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HE3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HG2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HG3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HZ1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HZ2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:HZ3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:N	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:NZ	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:563:LYS:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:564:ALA:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:564:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:564:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:564:ALA:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:564:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:564:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:564:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:564:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:564:ALA:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:564:ALA:O	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:C	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:CA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:CB	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:CD1	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:CD2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:CG	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:H	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:HA	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:HB2	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:HB3	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:HD11	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:HD12	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:HD13	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:HD21	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:HD22	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:HD23	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:HG	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:N	1	1.85
(1,20)	2:B:155:GLY:HA2	1:A:566:LEU:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:490:ALA:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:490:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:490:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:490:ALA:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:490:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:490:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:490:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:490:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:490:ALA:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:490:ALA:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:C	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:CG2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:HB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:HG1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:HG21	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:HG22	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:HG23	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:514:THR:OG1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:516:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:519:GLY:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:519:GLY:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:519:GLY:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:519:GLY:HA2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:519:GLY:HA3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:519:GLY:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:519:GLY:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:CG	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:522:PHE:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:523:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:HD2	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:524:PHE:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:525:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:526:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:527:ALA:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:527:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:527:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:527:ALA:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:527:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:527:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:527:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:527:ALA:HB3	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:HA3	1:A:527:ALA:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:527:ALA:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:CD1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:CG1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:CG2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:HB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:HD11	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:HD12	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:HD13	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:HG12	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:HG13	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:HG21	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:HG22	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:HG23	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:528:ILE:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:CG1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:CG2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:HB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:HG11	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:HG12	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:HG13	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:HG21	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:HG22	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:HG23	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:529:VAL:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:CG	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:H	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:HB3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:OD1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:561:ASP:OD2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:CD	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:CE	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:CG	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HB3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HD2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HD3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HE2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HE3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HG2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HG3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HZ1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HZ2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:HZ3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:NZ	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:563:LYS:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:564:ALA:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:564:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:564:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:564:ALA:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:564:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:564:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:564:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:564:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:564:ALA:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:564:ALA:O	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:C	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:CA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:CB	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:CD1	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:CD2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:CG	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:H	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:HA	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:HB2	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:HB3	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:HD11	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:HD12	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:HD13	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:HD21	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:HD22	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:HD23	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:HG	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:N	1	1.85
(1,20)	2:B:155:GLY:HA3	1:A:566:LEU:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:490:ALA:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:490:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:490:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:490:ALA:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:490:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:490:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:490:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:490:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:490:ALA:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:490:ALA:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:CG2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:HB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:HG1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:HG21	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:HG22	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:HG23	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:514:THR:OG1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:CA	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:N	1:A:516:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:516:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:519:GLY:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:519:GLY:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:519:GLY:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:519:GLY:HA2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:519:GLY:HA3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:519:GLY:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:519:GLY:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:522:PHE:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:CB	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:N	1:A:523:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:523:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:524:PHE:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:HG2	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:N	1:A:525:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:525:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:526:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:527:ALA:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:527:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:527:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:527:ALA:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:527:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:527:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:527:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:527:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:527:ALA:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:527:ALA:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:CD1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:CG1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:CG2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:HB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:HD11	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:HD12	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:HD13	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:HG12	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:N	1:A:528:ILE:HG13	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:HG21	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:HG22	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:HG23	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:528:ILE:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:CG1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:CG2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:HB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:HG11	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:HG12	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:HG13	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:HG21	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:HG22	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:HG23	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:529:VAL:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:CG	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:OD1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:561:ASP:OD2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:CD	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:CE	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:CG	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HA	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HD2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HD3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HE2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HE3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HG2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HG3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HZ1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HZ2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:HZ3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:NZ	1	1.85
(1,20)	2:B:155:GLY:N	1:A:563:LYS:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:564:ALA:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:564:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:564:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:564:ALA:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:564:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:564:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:564:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:564:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:564:ALA:N	1	1.85
(1,20)	2:B:155:GLY:N	1:A:564:ALA:O	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:C	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:CA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:CB	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:CD1	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:CD2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:CG	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:H	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:HA	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:HB2	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:HB3	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:HD11	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:HD12	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:HD13	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:HD21	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:HD22	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:HD23	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:HG	1	1.85
(1,20)	2:B:155:GLY:N	1:A:566:LEU:N	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:N	1:A:566:LEU:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:490:ALA:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:490:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:490:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:490:ALA:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:490:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:490:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:490:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:490:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:490:ALA:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:490:ALA:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:CG2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:HB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:HG1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:HG21	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:HG22	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:HG23	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:514:THR:OG1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:HD22	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:516:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:519:GLY:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:519:GLY:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:519:GLY:H	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:O	1:A:519:GLY:HA2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:519:GLY:HA3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:519:GLY:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:519:GLY:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:522:PHE:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:523:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:CB	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:O	1:A:524:PHE:CD1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:CD2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:CE1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:CE2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:CG	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:CZ	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:HD1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:HD2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:HE1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:HE2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:HZ	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:524:PHE:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:CD	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:CG	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:HG2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:HG3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:OE1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:525:GLU:OE2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:CG	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:HD21	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:HD22	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:O	1:A:526:ASN:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:ND2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:526:ASN:OD1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:527:ALA:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:527:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:527:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:527:ALA:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:527:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:527:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:527:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:527:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:527:ALA:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:527:ALA:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:CD1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:CG1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:CG2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:HB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:HD11	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:HD12	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:HD13	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:HG12	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:HG13	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:HG21	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:HG22	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:HG23	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:528:ILE:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:CG1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:CG2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:HB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:HG11	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:O	1:A:529:VAL:HG12	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:HG13	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:HG21	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:HG22	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:HG23	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:529:VAL:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:CG	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:OD1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:561:ASP:OD2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:CD	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:CE	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:CG	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HD2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HD3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HE2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HE3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HG2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HG3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HZ1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HZ2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:HZ3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:NZ	1	1.85
(1,20)	2:B:155:GLY:O	1:A:563:LYS:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:564:ALA:C	1	1.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:155:GLY:O	1:A:564:ALA:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:564:ALA:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:564:ALA:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:564:ALA:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:564:ALA:HB1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:564:ALA:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:564:ALA:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:564:ALA:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:564:ALA:O	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:C	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:CA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:CB	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:CD1	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:CD2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:CG	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:H	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:HA	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:HB2	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:HB3	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:HD11	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:HD12	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:HD13	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:HD21	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:HD22	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:HD23	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:HG	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:N	1	1.85
(1,20)	2:B:155:GLY:O	1:A:566:LEU:O	1	1.85
(1,2)	1:A:514:THR:C	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:C	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:C	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:CB	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:C	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:C	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:C	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:CE1	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:C	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:C	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:CD1	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:C	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:HE2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:C	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:C	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:C	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:C	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:CB	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:C	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:C	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:H	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:C	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:C	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:C	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:C	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:CB	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:C	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:C	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:HB3	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:C	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:C	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:CB	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CA	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:157:CYS:CA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CA	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:C	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CA	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CA	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:167:SER:HB3	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CA	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:CA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CA	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CA	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:CG	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CA	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CA	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:N	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CA	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:CA	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CA	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:149:SER:H	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CB	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:155:GLY:H	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CB	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:HG1	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CB	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:CB	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CB	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CB	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:HD12	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CB	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HZ2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CB	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CB	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CB	2:B:183:LYS:O	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CB	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:CB	2:B:200:THR:OG1	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CB	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CB	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:HG11	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:HB2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:HD11	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:HZ3	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:HB3	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CG2	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:HG21	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:CZ	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HG3	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:CG2	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:H	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:H	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:HG11	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:H	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:H	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:H	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:H	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:157:CYS:N	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:H	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:HB2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:H	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:H	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:H	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:H	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:CA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:H	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:HA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:H	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:H	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:HD3	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:H	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:H	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:H	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:H	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:CG2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:H	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:H	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:H	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:149:SER:O	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HA	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:CA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HA	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:158:THR:OG1	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HA	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HB2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HA	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:168:LEU:N	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HA	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HA	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:CA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HA	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HA	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:185:GLY:N	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HA	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:HA	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:CG	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HA	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HA	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HB	2:B:152:VAL:N	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HB	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:HZ	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HB	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:HG22	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HB	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HB	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:167:SER:CB	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HB	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:N	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HB	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HB	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:CA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HB	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HB	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:HD2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HB	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:HB	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HB	2:B:211:LYS:O	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG1	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:N	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG1	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:CG2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG1	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:O	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG1	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:HA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HE3	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HZ2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:HG22	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG1	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG1	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:CG2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:CG	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:CG2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HG2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:CG	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG21	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:HB	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:CD2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HD3	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG21	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:CG2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:157:CYS:H	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG22	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:CB	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:167:SER:N	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG22	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:CD	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:187:TYR:OH	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG22	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG22	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:149:SER:HB2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG23	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:155:GLY:HA3	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG23	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:HG22	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG23	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:CE	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:HD21	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:N	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:185:GLY:CA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG23	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:CA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:HG23	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:N	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:HG13	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:N	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:N	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:N	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:HD1	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:N	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:HD13	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:N	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:162:LYS:NZ	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:N	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:N	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:HE2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:N	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:N	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:HG23	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:N	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:N	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:N	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:N	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:HA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:N	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:N	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:HZ2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:N	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:N	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:O	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:O	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:HG13	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:O	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:O	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:O	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:CD1	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:O	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:157:CYS:SG	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:O	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:HD21	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:O	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:O	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:O	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:O	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:CD1	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:O	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:HB3	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:O	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:O	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:HE3	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:O	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:O	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:O	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:O	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:HA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:O	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:O	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HA	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:O	2:B:211:LYS:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:149:SER:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:149:SER:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:149:SER:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:149:SER:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:149:SER:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:149:SER:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:149:SER:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:149:SER:HG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:149:SER:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:149:SER:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:149:SER:OG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:C	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:HB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:152:VAL:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:CG1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:HB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:153:VAL:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:155:GLY:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:155:GLY:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:155:GLY:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:155:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:155:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:155:GLY:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:155:GLY:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:CD1	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:CD2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:CE1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:CE2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:CG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:CZ	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:HD1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:HD2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:HE1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:HE2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:HZ	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:156:PHE:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:157:CYS:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:157:CYS:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:157:CYS:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:157:CYS:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:157:CYS:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:157:CYS:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:157:CYS:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:157:CYS:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:157:CYS:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:157:CYS:SG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:CG2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:HB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:HG1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:HG21	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:HG22	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:HG23	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:158:THR:OG1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:CA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:CD1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:CG1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:CG2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:HB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:HD11	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:HD12	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:HD13	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:HG12	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:HG13	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:HG21	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:HG22	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:HG23	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:159:ILE:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:CG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:HD21	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:HD22	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:ND2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:161:ASN:OD1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:CD	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:CE	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:CG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HD2	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:162:LYS:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:167:SER:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:167:SER:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:167:SER:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:167:SER:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:167:SER:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:167:SER:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:167:SER:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:167:SER:HG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:167:SER:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:167:SER:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:167:SER:OG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:CD1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:CD2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:CG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:HD11	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:HD12	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:HD13	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:HD21	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:HD22	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:HD23	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:HG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:168:LEU:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:C	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:OG1	2:B:170:MET:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:CE	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:CG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:HE1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:HE2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:HE3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:HG2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:HG3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:170:MET:SD	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:CD	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:CE	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:CG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:172:LYS:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:CG1	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:CG2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:HB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:HG11	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:HG12	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:HG13	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:HG21	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:HG22	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:HG23	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:182:VAL:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:CD	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:CE	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:CG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:183:LYS:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:185:GLY:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:185:GLY:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:185:GLY:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:185:GLY:HA2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:185:GLY:HA3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:185:GLY:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:185:GLY:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:C	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:CD1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:CD2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:CE1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:CE2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:CG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:CZ	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:HD1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:HD2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:HE1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:HE2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:HH	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:187:TYR:OH	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:CG2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:HA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:HB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:HG1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:HG21	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:HG22	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:HG23	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:O	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:200:THR:OG1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:C	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:CA	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:CB	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:CD	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:CE	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:CG	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:H	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HA	1	1.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HB2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HB3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HD2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HD3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HE2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HE3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HG2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HG3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HZ1	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HZ2	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:HZ3	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:N	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:NZ	1	1.57
(1,2)	1:A:514:THR:OG1	2:B:211:LYS:O	1	1.57
(1,24)	2:B:159:ILE:C	1:A:490:ALA:C	1	1.45

10 Dihedral-angle violation analysis ⓘ

No dihedral-angle restraints found